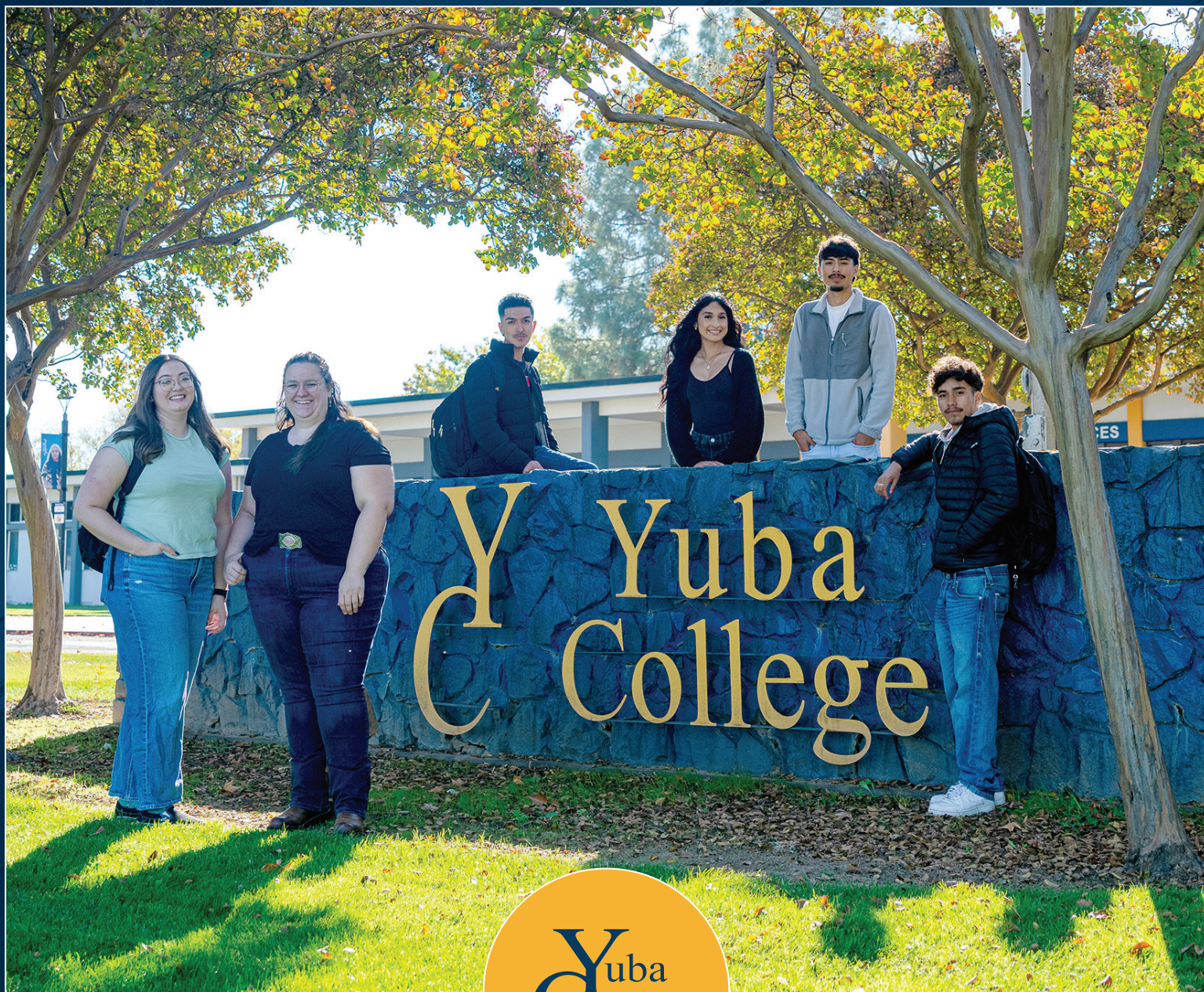


YOU ARE **YUBA**



YUBA COLLEGE
CATALOG

2026/2027



Yuba
College

WE ARE
#YCPROUD



A PUBLIC COMMUNITY COLLEGE IN ITS NINETY NINTH YEAR OF SERVICE

Accredited by the Accrediting Commission for Community and Junior Colleges, and recognized as a regionally accredited two-year Community College by the University of California, the California State University, the California Community Colleges, the United States Office of Education, the Veterans Administration, and the American Association of Collegiate Registrars and Admissions Officers.



Marysville Campus

2088 North Beale Road
Marysville, California 95901
(530) 741-6700
yc.yccd.edu

Sutter County Center

3301 E. Onstott Road
Yuba City, California 95991
(530) 751-5600

This catalog is in effect from August 2026 – July 2027.

Information about course offerings, fees, refunds, and college policies published in this Catalog, is subject to change without prior notice. Any updates to courses and programs can be found in the Catalog Addendum.

Any updates to policy, enrollment, or fee information can be found in the online schedule prior to registration each term (Fall 2026 and Spring 2027) and in the Catalog Addendu

LAND

ACKNOWLEDGMENT

Presented to California Heritage: Indigenous Research Project (CHIRP)

Yuba College is located within the unceded territory of the Nisenan Peoples, and the original Tribal families have yet to recover from the near genocide of their people.

We acknowledge the Nisenan people are still here among us today, though they are nearly invisible, and their story continues to be excluded from history. We understand that the Nisenan land is not federally recognized, and Yuba College seeks to amplify the voice of the Nisenan as they pursue this recognition.

As residents and visitors in Nisenan land, we stand beside the Nisenan people and their right to sovereignty, self-governance, and self-determination through the

stabilization of their people, homelands, and culture. This acknowledgement demonstrates a commitment to working to dismantle the ongoing legacies of settler colonialism and the lasting impact of the California gold rush.

We therefore commit to move beyond words into programs and actions that fully embody a dedication to Indigenous rights and cultural equity. We have an obligation to care for and respect the land we occupy, and a responsibility to support the native peoples in our community and those engaging with our institution as students, staff, faculty, and visitors. It is our hope that this acknowledgement will be the first step of many toward intentionally fulfilling our obligations to these communities and treaties.

For more information and ways to support visit Nisenan.org.

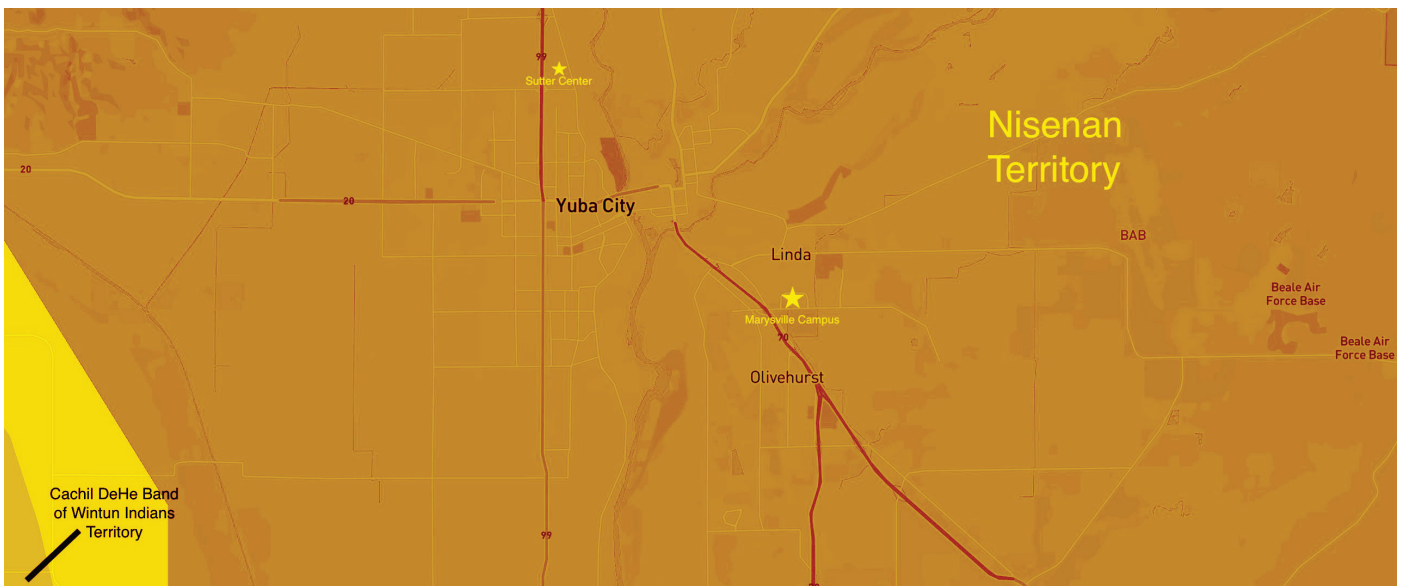




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District Calendar 2026-27

Summer 2026

June 8	Summer Session 2026 commences for regular six-week summer classes
June 11	Last day to add a class/register for classes
June 15	*Refund deadline for six-week classes dates are not listed on the academic calendar
June 15	*Last day to drop class(es) to prevent "W" grade(s) on permanent record for six-week classes
June 16	*Census date for six-week classes
June 18	Academic and administrative holiday – Juneteenth (Thursday)
July 1	Deadline to apply for summer 2026 graduation
July 2	Academic and administrative holiday – Independence Day (Thursday)

*Dates apply to six-week classes; other classes will vary.

Fall 2026

August 10-13	Professional Development Days (optional flex activities) – NO CLASSES
August 14	CONVOCATION – CAMPUS CLOSED
August 17	INSTRUCTION BEGINS FOR FALL SEMESTER
August 21	** Last day to add courses or register without special permission
August 28	** Last day to be eligible for refund of enrollment, parking, student health fee, and non-resident tuition
September 4	Instructors are to drop No Shows for Census Roster Clearance
September 7	** Last day to drop class(es) to prevent "W" grade(s) on permanent record
September 7	Academic and administrative holiday – Labor Day (Monday)
September 8	Census date for full-term classes (Tuesday)
September 17	Constitution Day (observance) – activities to be announced
November 13**	Last day to drop class(es) with a "W" grade on permanent record (Friday)
November 16	Priority registration begins for spring 2027 (Monday)
November 11	Academic and administrative holiday – Veterans Day observed (Tuesday)
November 15	Deadline to apply for fall 2026 graduation
November 26-27	Academic and administrative holiday – Thanksgiving (Thursday – Friday)
December 7-16	Limited extracurricular student activities
December 10-16	Final examination period
December 16	Conclusion of fall semester
December 21	Grades from instructors are due for fall 2026 semester
December 24 – Jan 1	Winter recess – all offices CLOSED

**Dates apply to full-semester classes; short-term class dates will vary.

District Calendar 2026-27 (cont'd)

Spring 2027

January 12-15	Professional Development Days (optional flex activities) – NO CLASSES
January 18	Academic and administrative holiday – Martin Luther King Day observance (Monday)
January 19	INSTRUCTION BEGINS FOR SPRING SEMESTER
January 22	**Last day to add courses or register without special permission
January 29	**Last day to be eligible for refund of enrollment, parking, student health fee, and non-resident tuition
February 5	Instructors are to drop No Shows for Census Roster Clearance
February 7	**Last day to drop class(es) without a “W” grade on permanent record
February 8	Census date for full-term classes
February 12	Academic and administrative holiday – Lincoln’s Birthday observance (Friday)
February 15	Academic and administrative holiday – Washington’s Birthday observance (Monday)
March 29-April 2	Spring recess; academic holidays (Monday-Friday)
March 31-April 2	Administrative holiday (Wednesday-Friday)
April 15	Deadline to apply for Spring 2027 graduation April 23 **Last day to drop class(es) with a “W” grade on permanent record April 26 Priority registration begins for Summer and Fall 2027
May 10-24	Limited extracurricular student activities
May 18-24	Final examination period
May 21	Commencement ceremonies
May 24	Conclusion of Spring semester
May 27	Grades from instructors are due for Spring 2027 semester
May 31	Academic and administrative holiday – Memorial Day observance (Monday) **Dates apply to full-semester classes; short-term class dates will vary.

**Dates apply to full-semester classes; short-term class dates will vary.

Summer 2027

June 7	Summer Session 2027 commences
June 17	Academic and administrative holiday – Juneteenth observed (Thursday)
July 1	Deadline to apply for Summer 2026 graduation
July 5	Academic and administrative holiday – Independence Day observed (Monday)

**Dates apply to full-semester classes; short-term class dates will vary.

Yuba Community College District 2026-27

Revised on 2/12/26 to eliminate distinction between 6-week and 8-week summer term timelines

JUNE						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

SUMMER SESSION 2026

Full-Session: 6/8-7/30

SUMMER SESSION 2027

Full-Session: 6/7 - 7/29

FALL SEMESTER 2026

Full-Term: 8/17 - 12/17

Finals Week: 12/10-12/16

First 9 Weeks: 8/17-10/16

Last 9 Weeks: 10/19-12/16

SPRING SEMESTER 2027

Full-Term: 1/19-5/24

Finals Week: 5/18-5/24

First 9 Weeks: 1/19-3/19

Last 9 Weeks: 3/22-5/24

Spring Break: 3/29 - 4/2

Commencement: 5/21

CONVOCATION - CAMPUS CLOSED

2026: 8/14

PROFESSIONAL DEVELOPMENT DAYS - NO CLASSES/CAMPUS OPEN (Optional Flex Activities)

2026: 8/10, 8/11, 8/12, 8/13

2027: 1/12, 1/13, 1/14, 1/15

CAMPUS CLOSED

2026: 6/5, 6/12, 6/19, 6/26, 7/3, 7/10, 7/17, 7/24, 7/31

2027: 6/4, 6/11, 6/18, 6/25, 7/2, 7/9, 7/16, 7/23, 7/30

HOLIDAYS - CAMPUS CLOSED

2026: 6/18, 7/2, 9/7, 11/11, 11/26-11/27, 12/24-12/31

2027: 1/1, 1/18, 2/12, 2/15, 3/31 - 4/2, 5/31, 6/17, 7/5

NO CLASSES - CAMPUS OPEN

2026: 6/1-6/4, 8/3-8/14, 12/17-12/18, 12/21-12/23

2027: 1/4 -1/8, 1/11-1/15, 3/29, 3/30, 5/25-5/28, 6/1-6/3

JANUARY						
Su	Mo	Tu	We	Th	Fr	Sa
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31						

FEBRUARY						
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28						

MARCH						
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APRIL						
Su	Mo	Tu	We	Th	Fr	Sa
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MAY						
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30	31					

JUNE						
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JULY						
Su	Mo	Tu	We	Th	Fr	Sa
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JULY						
Su	Mo	Tu	We	Th	Fr	Sa
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AUGUST						
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30	31					

SEPTEMBER						
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27	28	29	30			

OCTOBER						
Su	Mo	Tu	We	Th	Fr	Sa
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER						
Su	Mo	Tu	We	Th	Fr	Sa
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

17 18 17 16 16 = 84 days

2026-27 INSTRUCTIONAL DAYS		
	Days	Weeks
Fall Semester	84 days	18
Spring Semester	83 days	17
Convocation	1 days	
Flex Days (Prof. Dev. Days)	8 days	
TOTAL	176 days	35

83 days = 16 17 17 17 16

Welcome to Yuba College!

We're glad you've chosen to make Yuba College a part of your pathway to success. Becoming a 49er means you are part of a community that will support you to achieve success. Our mission is to provide equitable student learning and success. We offer degree and certificate programs leading to career and transfer opportunities for our diverse communities. At YC, you'll find tutoring services, academic counselors, peer mentors, basic needs support, and other resources to support your educational journey. You'll also find ways to get involved like athletics, clubs, organizations, music, art, and theatre performance opportunities to create a holistic environment to pursue your goals.

In the past few years, we have been transforming our college to create an environment where students and our community will love what they are learning, where they are doing it, and who they are doing it with. It means our campuses have received a refresh and are ready for you to create a fresh beginning.



The beginning of any academic year brings both excitement and nervousness. This journey will require endurance, persistence, and grit. We are here to encourage you as you navigate one of our 115-degree and certification options, along with the other 11,000 students we serve each year. As an open-access institution, we aim to meet students where they are and connect them to the resources they need to succeed.

Our affordable and high-quality programs meet the needs of our community. We work closely with industry partners to ensure our students leave our professional-technical programs ready to work.

We also partner with four-year institutions to align our courses for transfer opportunities. Since 1927, we've been a part of the Yuba/Sutter County areas. We've awarded more than 12,000 degrees and certificates in just the last 20 years. Our goal is to continue to be a school of choice that leads you to the career, degree, or pathway you've designed. This is your college, and we are #YCProud you're here. Our goal is to help you reach your highest potential.

Welcome!

A handwritten signature in black ink that reads "Karissa Marino Morehouse".

Karissa Marino Morehouse (she/her)

Interim President, Yuba College

¡Bienvenido a Yuba College!

Nos alegra que hayas elegido YC (Yuba College) como parte de tu camino hacia el éxito. Convertirse en un 49er significa que eres parte de una comunidad que te apoyará para lograr el éxito. Nuestra misión es proporcionar un aprendizaje y éxito equitativo a los estudiantes. Ofrecemos programas de título y certificación que conducen a oportunidades de carrera y transferencia para nuestras diversas comunidades. En YC, encontrarás servicios de tutoría, consejeros académicos, tutores, apoyo para necesidades básicas y otros recursos que te ayudaran en tu viaje educativo. También encontrarás formas de involucrarte socialmente, tales como; atletismo, clubes, organizaciones, música, arte y teatro, y crear un ambiente integro para alcanzar tus objetivos.

En los últimos años, hemos estado transformando nuestra universidad para crear un ambiente donde los estudiantes y nuestra comunidad amen lo que están aprendiendo, dónde lo están haciendo y con quién lo están haciendo. Nuestros campus se han actualizado y están listos para crear un nuevo comienzo. El comienzo de cualquier año académico trae emoción y nerviosismo. Este viaje requerirá resistencia, persistencia y determinación. Estamos aquí para animarte junto con los otros 11,000 estudiantes a los que servimos cada año mientras navegas por una de nuestras opciones de 115 títulos y certificación. Como institución de acceso abierto, nuestro objetivo es conectar a los estudiantes con los servicios necesarios para sobresalir.

Nuestros programas accesibles y de alta calidad satisfacen las necesidades de nuestra comunidad. Trabajamos en estrecha colaboración con socios de la industria para garantizar que nuestros estudiantes dejen nuestros programas profesionales-técnicos listos para trabajar. También nos asociamos con instituciones de cuatro años para alinear nuestros cursos para oportunidades de transferencia. Desde 1927, hemos sido parte de las áreas del condado de Yuba / Sutter. Hemos otorgado más de 12,000 títulos y certificados en los últimos 20 años. Nuestro objetivo es continuar siendo una escuela de elección que te lleve a la carrera, título o camino que has diseñado. Esta es tu universidad, y estamos #YCProud (orgullosos) de que estes aquí. Nuestro objetivo es ayudarte a alcanzar tu máximo potencial.

¡Bienvenido!



Karissa Marino Morehouse (ella)
Presidenta Interina, Yuba College



ਯੂਬਾ ਕਾਲਜ ਵਿੱਚ ਤੁਹਾਡਾ ਸੁਆਗਤ ਹੈ

ਸਾਨੂੰ ਖੁਸ਼ੀ ਹੈ ਕਿ ਤੁਸੀਂ ਯੂਬਾ ਕਾਲਜ ਨੂੰ ਆਪਣੇ ਸਿੱਖਿਆ ਮਾਰਗ ਵਜੋਂ ਚੁਣਿਆ ਹੈ। 49er ਬਣਨ ਦਾ ਮਤਲਬ ਹੈ ਕਿ ਤੁਸੀਂ ਕਮਿਊਨਿਟੀ ਦਾ ਹਿੱਸਾ ਹੋ ਜੋ ਸਫਲਤਾ ਪਾਪਤ ਕਰਨ ਲਈ ਤੁਹਾਡੀ ਮਦਦ ਕਰੇਗਾ। ਸਾਡਾ ਮਿਸ਼ਨ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਬਰਾਬਰ ਦੀ ਸਿੱਖਿਆ ਅਤੇ ਸਫਲਤਾ ਪਦਾਨ ਕਰਨਾ ਹੈ ਅਸੀਂ ਕਰੀਅਰ ਅਤੇ ਤਬਾਦਲੇ ਦੇ ਮੌਕਿਆਂ ਵਿੱਚ ਸਾਡੇ ਵਿਭਿੰਨ ਭਾਈਚਾਰਿਆਂ ਲਈ ਡਿਗਰੀਆਂ ਅਤੇ ਸਰਟੀਫਿਕੇਟ ਪੋਗਰਾਮਾਂ ਦੀ ਪੇਸ਼ਕਸ਼ ਕਰਦੇ ਹਾਂ। YC ਵਿਖੇ, ਤੁਹਾਨੂੰ ਟਿਊਸ਼ਨ ਸੇਵਾਵਾਂ, ਅਕਾਦਮਿਕ ਸਲਾਹਕਾਰ, ਸਾਥੀ ਸਲਾਹਕਾਰ, ਬੁਨਿਆਦੀ ਲੋੜਾਂ ਦੀ ਸਹਾਇਤਾ, ਅਤੇ ਤੁਹਾਡੀ ਸਿੱਖਿਆ ਨੂੰ ਸਮਰਥਨ ਦੇਣ ਲਈ ਹੋਰ ਮਦਦ ਮਿਲੇਗੀ। ਆਪਣੇ ਟੀਚੇ ਦਾ ਪਿੱਛਾ ਕਰਨ ਲਈ ਤੁਸੀਂ ਐਥਲੈਟਿਕਸ ਕਲੱਬਾਂ, ਸੰਸਥਾਵਾਂ, ਸੰਗੀਤ, ਕਲਾ ਅਤੇ ਥੀਏਟਰ ਪਦਰਸ਼ਨ ਦੀਆਂ ਸੰਭਾਵਨਾਵਾਂ ਦਾ ਹਿੱਸਾ ਬਣੋਗੇ

ਪਿਛਲੇ ਕੁਝ ਸਾਲਾਂ ਵਿੱਚ, ਅਸੀਂ ਇੱਕ ਅਜਿਹਾ ਮਾਹੌਲ ਸਿਰਜਣ ਲਈ ਆਪਣੇ ਕਾਲਜ ਨੂੰ ਬਦਲ ਰਹੇ ਹਾਂ ਜਿੱਥੇ ਵਿਦਿਆਰਥੀ ਅਤੇ ਸਾਡਾ ਭਾਈਚਾਰਾ ਇਹ ਪਸੰਦ ਕਰਨਗੇ ਕਿ ਉਹ ਕੀ ਸਿੱਖ ਰਹੇ ਹਨ, ਉਹ ਇਹ ਕਿੱਥੇ ਕਰ ਰਹੇ ਹਨ, ਅਤੇ ਉਹ ਕਿਸ ਨਾਲ ਕਰ ਰਹੇ ਹਨ। ਇਸਦਾ ਮਤਲਬ ਹੈ ਕਿ ਸਾਡੇ ਕਪਸ ਤੁਹਾਡੇ ਲਈ ਇੱਕ ਨਵੀਂ ਸ਼ੁਰੂਆਤ ਕਰਨ ਲਈ ਤਿਆਰ ਹਨ।

ਕਿਸੇ ਵੀ ਅਕਾਦਮਿਕ ਸਾਲ ਦੀ ਸ਼ੁਰੂਆਤ ਉਤੇਜਨਾ ਅਤੇ ਘਬਰਾਹਟ ਦੇਵੇ ਲੈ ਕੇ ਆਉਂਦੀ ਹੈ। ਇਸ ਸਫਰ ਲਈ ਧੀਰਜ, ਲਗਨ ਅਤੇ ਦਿੜਤਾ ਦੀ ਲੋੜ ਹੋਵੇਗੀ। ਅਸੀਂ ਤੁਹਾਨੂੰ ਉਤਸ਼ਾਹਿਤ ਕਰਨ ਲਈ ਇੱਥੇ ਹਾਂ ਕਿਉਂਕਿ ਤੁਸੀਂ ਸਾਡੇ 115-ਡਿਗਰੀ ਅਤੇ ਪਮਾਣੀਕਰਣ ਵਿਕਲਪਾਂ ਵਿੱਚ ਇੱਕ ਨੂੰ ਨੈਵੀਗੇਟ ਕਰਦੇ ਹੋ, ਬਾਕੀ 11,000 ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਨਾਲ ਜੋ ਅਸੀਂ ਹਰ ਸਾਲ ਸੇਵਾ ਕਰਦੇ ਹਾਂ। ਇੱਕ ਓਪਨ-ਐਕਸੈਸ ਸੰਸਥਾ ਦੇ ਰੂਪ ਵਿੱਚ, ਅਸੀਂ ਚਾਹੁੰਦੇ ਹਾਂ ਕਿ ਉਹ ਸਫਲ ਹੋਣ ਅਤੇ ਉਹਨਾਂ ਨੂੰ ਉਹਨਾਂ ਸਰੋਤਾਂ ਨਾਲ ਜੋੜਨ ਜੋ ਉਹਨਾਂ ਨੂੰ ਸਫਲ ਹੋਣ ਲਈ ਲੋੜੀਂਦੇ ਹਨ।

ਸਾਡੇ ਪੋਗਰਾਮ ਸਾਡੇ ਭਾਈਚਾਰੇ ਦੀਆਂ ਲੋੜਾਂ ਨੂੰ ਪੂਰਾ ਕਰਦੇ ਹਨ। ਅਸੀਂ ਇਹ ਯਕੀਨੀ ਬਣਾਉਣ ਲਈ ਆਪਣੇ ਉਦਯੋਗ ਦੇ ਭਾਈਵਾਲਾਂ ਨਾਲ ਮਿਲ ਕੇ ਕੰਮ ਕਰਦੇ ਹਾਂ ਕਿ ਸਾਡੇ ਵਿਦਿਆਰਥੀ ਸਾਡੇ ਪੇਸ਼ੇਵਰ ਤਕਨੀਕੀ ਪੋਗਰਾਮਾਂ ਨੂੰ ਛੱਡਣ ਤੋਂ ਬਾਅਦ ਕੰਮ ਕਰਨ ਲਈ ਤਿਆਰ ਹੋਣਗੇ। ਅਸੀਂ ਤਬਾਦਲੇ ਦੇ ਮੌਕਿਆਂ ਲਈ ਆਪਣੇ ਕੋਰਸਾਂ ਨੂੰ ਇਕਸਾਰ ਕਰਨ ਲਈ ਚਾਰ ਸਾਲਾਂ ਦੀਆਂ ਸੰਸਥਾਵਾਂ ਨਾਲ ਵੀ ਭਾਈਵਾਲੀ ਕਰਦੇ ਹਾਂ। 1927 ਤੋਂ, ਅਸੀਂ ਯੂਬਾ/ਸਟਰ ਕਾਉਂਟੀ ਖੇਤਰਾਂ ਦਾ ਹਿੱਸਾ ਰਹੇ ਹਾਂ। ਅਸੀਂ ਪਿਛਲੇ 20 ਸਾਲਾਂ ਵਿੱਚ 12,000 ਤੋਂ ਵੱਧ ਡਿਗਰੀਆਂ ਅਤੇ ਸਰਟੀਫਿਕੇਟ ਪਦਾਨ ਕੀਤੇ ਹਨ। ਸਾਡਾ ਟੀਚਾ ਇੱਕ ਪਸੰਦੀਦਾ ਸਕੂਲ ਬਣਨਾ ਜਾਰੀ ਰੱਖਣਾ ਹੈ ਅਤੇ ਤੁਹਾਡੀ ਉੱਚਤਮ ਸੰਭਾਵਨਾ ਤੱਕ ਪਹੁੰਚਣ ਵਿੱਚ ਤੁਹਾਡੀ ਮਦਦ ਕਰਨਾ ਹੈ ਜੋ ਤੁਹਾਨੂੰ ਤੁਹਾਡੇ ਦੁਆਰਾ ਡਿਜ਼ਾਈਨ ਕੀਤੇ ਕੈਰੀਅਰ, ਡਿਗਰੀ, ਜਾਂ ਮਾਰਗ ਵੱਲ ਲੈ ਜਾਂਦਾ ਹੈ। ਇਹ ਤੁਹਾਡਾ ਕਾਲਜ ਹੈ, ਅਤੇ ਅਸੀਂ ਤੁਹਾਡੇ ਇੱਥੇ ਹੋਣ 'ਤੇ YCProud ਹਾਂ।

ਜੀ ਆਇਆਂ ਨੂੰ!



Karissa Marino Morehouse (ਉਹ/ਉਸਨੂੰ)

ਅੰਤਰਮਿ ਪ੍ਰਧਾਨ, Yuba College



District Organization

Governing Board

William Cornelius, President.....	Trustee Area 3
Dennise Burbank, Vice President.....	Trustee Area 2
Jose Garcia, Board Clerk	Trustee Area 6
Jesse Ortiz.....	Trustee Area 5
Douglas Harris.....	Trustee Area 7
Richard Teagarden	Trustee Area 1
John Cassidy.....	Trustee Area 4
Annabella Cruz	Yuba College Student Trustee
Vacant.....	Woodland Community College Student Trustee

District Offices Administration

Chancellor	Dr. Shouan Pan
Interim Vice Chancellor, Educational Planning and Services	Dr. David Newnham
Vice Chancellor, Administrative Services	Kuldeep Kaur
Associate Vice Chancellor of Human Resources	Chris Little
Interim Chief Information Technology Officer	Jason Musselman

Yuba College Executive Team

Interim President	Karissa Marino Morehouse
Vice President, Instruction	Dr. Samantha Dana
Vice President, Student Services	Vacant

Instructional Areas

Dr. Samantha Dana, Vice President

PROGRAMS AND DEPARTMENTS

Accreditation, Adult Education, Athletics & Kinesiology (Instructional), Distance Education, Dual Enrollment, and Institutional Effectiveness

Vacant, Director of Dual Enrollment

Mark Urban, Director of Institutional Effectiveness

Arts, Language, and Communication Pathways

Kristina Vannucci, Dean

AREAS OF INTEREST

Arts, Language, and Communication

Patricia Ryan, CDC Director

ADDITIONAL OVERSIGHT

Child Development Centers (District-wide)
Foster Kinship Care Education
Library Services
Youth Empowerment Strategies for Success
Independent Living Program
AmeriCorps

Dr. Tara Harlan, Director of Academic Excellence

Tutoring Services
Professional Development
Center for Innovation and Excellence

PROGRAMS AND DISCIPLINES

Art, English, English as a Second Language, French, Library Science, Mass Communications, Music, Photography, Sign Language, Spanish, Speech (Communication), Theatre Arts

Industrial Innovation, Business, Science, and Math Pathways

Dr. Michael Bagley, Dean

AREAS OF INTEREST

Applied Technology, Transportation, Business, Science and Math

PROGRAMS AND DISCIPLINES

Applied Technology, Transportation
Culinary Arts, Automotive Technology
Drafting, Manufacturing Technology,
Welding Technology

Business: Accounting, Business Administration, General Business Management, Personnel Management, Small Business Management

Science and Math: Agriculture, Astronomy, Biology, Chemistry
Computer Science, Ecology
Geography, Geology, Mathematics,
Natural Resources, Physical Science,
Physics, Plant Science, Statistics

Career Technical Education, Social Science, Health, and Public Service Pathways

Dr. Alan Dixon, Dean

AREAS OF INTEREST

Social Science and Education, Health and Medical Careers, Public Safety

ADDITIONAL OVERSIGHT

Career Education
Work Experience

Carrie Mehlert, Director of Health and Medical Careers

Human Services, Nursing, Psychiatric Technician, Radiologic Technology, Veterinary Technology

Mark Covington, Director of Public Safety

Public Safety

PROGRAMS AND DISCIPLINES

Social Science and Education:
Asian American Studies, Anthropology, Early Childhood Education, Economics Education, Elementary Teacher Education, Ethnic Studies, History, Humanities, Philosophy, Political Science, Psychology, Social Science, Sociology

Health and Medical Careers:

Human Services, Nursing, Psychiatric Technician, Radiologic Technology, Veterinary Technology

Public Safety: Administration of Justice, Correctional Officer Academy, Emergency Medical Technician, Fire Technology, Police Academy

Athletics and Kinesiology

Erick Burns, Director of Athletics, Health, and Kinesiology

Student Services Areas

Vacant, Vice President

PROGRAMS AND DEPARTMENTS

Academic Standing
Admissions and Records
Disabled Students Programs and Services (DSPS)
Financial Aid
Outreach
Student Conduct
Sutter County Center
Veterans Services

Marci Lang, Director of Disabled Students Programs and Services

Angelica Munoz, Director of Enrollment Services, Admissions and Records, Outreach, Sutter Center

Martin Gutierrez, Director of Financial Aid and Veterans Services

Student Success

Carlos Gamez, Jr., Dean

Basic Needs
CalWORKs
Campus Life
EOPS/CARE/NextUp
MESA
Puente
Student Government
Student Health Services
TRiO
Undocu Resources

Dr. Joel Ramirez, Director of EOPS/CARE/NextUp and CalWORKs

Katherin Razo Gomez, Director of Student Support Programs

Eliliana Becerra, Director of MESA

Student Development

Dr. King Xiong, Dean

PROGRAMS AND DEPARTMENTS

Career Services
Counseling
Transfer Services
Student Success Teams

District Information

Yuba Community College District

The Yuba Community College District (YCCD) spans eight counties and nearly 4,192 square miles of territory in rural, north-central California. Yuba College and Woodland Community College, offer degrees, certificates and transfer curricula at college campuses in Marysville and Woodland, educational centers in Clearlake and Yuba City, and through outreach operations in Williams. The two colleges in Yolo County and Yuba County and the campuses in Clearlake, Colusa, and Sutter Counties, serve 13,000 students across the northern Sacramento Valley.

Yuba College

Yuba College, in its 99th year of community service, founded in 1927, is located on the Marysville Campus, a 160-acre site. Yuba College opened on this site in September, 1962. For 99 years, Yuba College has been providing quality education and has earned a reputation as an educational leader in Northern California. Yuba College offers technical and occupational classes to help gain or improve job skills. The California State University (CSU) system reports that students who transfer from California Community Colleges, such as Yuba, consistently earn better grades than students who go directly to a CSU from high school. Yuba College offers classes that transfer to CSU, the University of California (UC) and many private universities. An experienced and well-trained faculty offer instruction in over 90 disciplines totaling more than 1,000 courses.

Sutter County Center

Yuba College's Sutter County Center, located in north Yuba City at 3301 E. Onstott Road, prepares students for transfer to baccalaureate-granting institutions, for entry into the job market, or for further career development. The Sutter County Center's primary course offerings are transfer and general education courses; however, various career technical education courses are also offered. The state-of-the-art two-story facility holds 18 classrooms, a library, full registration service, counseling and financial aid services, and open computer lab.

Yuba Community College District Foundation

The Yuba Community College District Foundation was founded as the Yuba College Foundation in 1972 and granted tax-exempt status by both the State of California and the United States Internal Revenue Service. In 2014 the Foundation was renamed the Yuba Community College District Foundation in recognition of the District becoming a multi-college district.

In the mid-1970s, a bequest by Harold Sawtell, a regional farmer/rancher, provided an endowment of more than \$1.2 million dollars from which the Foundation's investments would be able to generate funding for annual scholarships. Today, in addition to the Sawtell Scholarship Fund, there are more than 40 other endowed funds, each one with a specific purpose to support an academic program, student service or scholarships at the colleges of the District. The value of the Foundation's Endowment as of March 31, 2024 was \$11.05 million.

In addition more than 170 additional, non-endowed scholarship and program funds are managed by the Foundation in support student success throughout the District. All of the funds of the Foundations have been established through charitable contributions.

Vision-Mission: YCCD Foundation's purpose is to increase opportunities for students and support student services. That is

done by seeking, managing and administering charitable funds and resources for the betterment of students at Yuba College and Woodland Community College.

Donations: The Foundation is an auxiliary organization of the Yuba Community College District. As a 501(c)(3) not-for-profit organization, it is the charitable arm of the District and gifts to the Foundation are tax-deductible to the extent allowed by federal and state law. The Foundation's Federal Tax ID No. is 23-7222541. The Foundation has the capacity to receive charitable gifts of cash, real estate, stocks and bonds, personal property (art, cars, etc...) and In-kind gifts. Additionally, the Foundation can assist in creating Estate/Planned Gifts such as bequests in a will, charitable trusts, IRA distributions, and insurance policies.

Annually, the Foundation provides more than 190 privately funded scholarship opportunities, totaling more than \$200,000 for Yuba College students.

The Foundation is governed by independent Board of Directors. Its members includes local volunteer from throughout the district as well as key College and District administrators, and District Governing Board representatives. The Foundation's Board of Directors meets on a quarterly basis. Board members serve to represent communities of the district, overseeing Foundation finances, working to secure charitable gifts, and providing support for college programs and services. Additional information on the Yuba Community College District Foundation can be found at www.yccdfoundation.org.

Yuba College Alumni and Friends

The purpose of the Yuba College Alumni and Friends is to maintain strong relationships between friends and former students and to support and promote the goals, activities, and interests of the college. The association provides the vehicle to stimulate this support and to keep the community, alumni and friends of Yuba College involved in college programs and activities. There is a growing pride in being a part of the Yuba College family of supporters and in giving something back to the college which has given so much to them. More information can be found at the Alumni & Friends home page (<https://yc.yccd.edu/about/alumni>). You can email the Alumni & Friends staff at YCAumniAndFriends@yccd.edu

Accreditation, College Goals, Mission, and Philosophy

This catalog provides important information to help students plan for college. It includes course information, resources, and services available; academic program descriptions; degree requirements; and information about College policies and procedures.

Each student must assume complete responsibility for compliance with the instructions and regulations set forth herein. However, the information in this catalog is not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to change any provision or requirement at any time.

The College assumes no responsibility for misinterpretation by a

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student of policies and procedures as presented in this catalog. Counselors and administrators are available to advise and assist students in meeting necessary requirements.

Students should use the catalog to be a successful college student. For example, knowing what a course is about and how it fits into the goals or program is one of the requirements for proper course selection. Course descriptions are available in the section entitled, "Programs and Courses." If the goal is to complete an associate degree, it is important to become familiar with the General Education Degree Requirements described in "Graduation Requirements." If the goal is to complete a degree or to select courses prior to transferring to a four-year college or university, then the information on "Transfer" is very helpful. Counselors are also available for assistance.

Information is available about resources such as Admissions, Counseling, Disabled Student Program and Services, EOPS, Financial Aid, Library, Tutoring, W.I.O.A, CARE, and Veterans Services. There is also information about adding a class, applying for graduation, or getting a transcript.

Accreditation

Yuba College is accredited by the Accrediting Commission for Community and Junior Colleges, 428 J Street, Suite 400, Sacramento, CA 95814, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Additional information about accreditation, including the filing of complaints against member institutions, can be found at: www.accjc.org.

Supplementary Course Accreditation

Yuba College Regional Fire Academy is accredited by the California State Fire Marshal and the State Board of Fire Service. The student will also meet the requirements to proceed with the required State and

National firefighting testing. Upon successful completion of the testing, the graduate (passer) will receive California State, IFAC-International Fire Service Accreditation Congress and Pro Board- National Board of Fire Service Professional Qualifications certification. The student will also be eligible to participate in either full-time, internship or volunteer work experience programs required by the State Fire Marshal for their Firefighter I certification.

In addition, the student will also meet the requirements to proceed with the required National Registry Emergency Medical Technician exam which will qualify the graduate (who passes) as a National Certified Emergency Medical Technician and California State certification.

Human Services – California Consortium of Addiction Programs and Professionals (in progress)

Nursing - California Board of Registered Nursing

Psychiatric Technician - California Board of Licensed Vocational Nursing and Psychiatric Technician.

Police Academy - POST (Peace Officers Standards and Training)

832 PC. - POST & STC Peace Officers Standards and Training and Standards and Training in Corrections

POCC, COCC. & JCOC. - STC. (Standards and Training in Corrections)

Automotive Technology - National Automotive Technician's Education Foundation (NATEF)

Radiologic Technology - Joint Review Committee on Education in Radiologic Technology (JRCERT), California Department of Health Services Radiation Health Branch

Veterinary Technology - American Veterinary Medical Association (AVMA)

Academic Freedom

Reference: Board Policy 4030 Title 5, Section 51023; Accreditation Standard 4.1

Academic employees must be free to teach and the students free to learn. Both must have access to the full range of ideas, materials and options. It is the responsibility of academic employees to encourage students to study varying points of view and to respect the students' right to form, hold, and express judgements, opinions, and beliefs, clearly identifying them as such.

The responsibility of protecting academic freedom rests with the Board of Trustees, administration, educational supervisors, and academic employees. Academic employees have a primary responsibility to develop the curriculum and select instructional materials and methods of presentation appropriate to meet the goals of that curriculum. Academic employees, educational supervisors, and administrators may recommend policies for Board consideration when there are criticisms of staff, methods, or materials. Academic employees, educational supervisors and administrators must develop procedures to implement those Board-adopted policies related to academic freedom.

When academic employees are performing their assigned responsibilities, they shall be free to express personal opinions and pursue scholarly, literary, and/or artistic endeavors.

Yuba College Vision

Provide innovative and student-centered educational opportunities and services that are equitable and that empower students to become transformative and productive members of our communities.

Yuba College Mission Statement

Yuba College is committed to providing equitable student learning and success. We offer degree and certificate programs leading to career and transfer opportunities for our diverse communities.

Outcomes We Are Committed To

Access: We meet students where they are to provide equitable access to all.

Persistence/Retention: We identify paths to educational goals that are simple for students to follow and help students stay on those paths until completion.

Completion: We break down systemic inequities that block students from attaining the career and life they want.

Career: We ensure that CTE programs are elevated to a higher, more relevant, level so that students can attain the skills necessary to achieve their career goal.

Transfer: We create curricular pathways that lead to seamless transfer and further education.

Equity Definition

Equity begins in equity-mindedness, an understanding of the structural and systemic inequities that create barriers for students, particularly students from minoritized groups. Equity work requires a race-conscious, intersectional, inclusive approach to create new systems that ensure differentiated resources and support so that each student has the opportunity for equal success.

Diversity Statement

It is the goal of Yuba College to foster a community in which diversity is valued, respected and embraced, and every person is treated with dignity, respect and justice. Diversity includes a multiplicity of values and beliefs, interests and experiences and intellectual and cultural viewpoints.

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Yuba College endorses, supports and actively pursues a policy of inclusiveness that recognizes, values and reflects the diversity of the community we represent, the professionals with whom we serve and the subject matter we impart. To thrive as an academic institution, we believe we must foster a learning and working environment that encourages multiple perspectives and the free exchange of ideas in an unbiased and non-prejudicial way.

To that end, as we educate students, develop curriculum, diversify staffing and provide support services, Yuba College is guided by the priority to achieve broad inclusiveness and afford equal opportunity to all, without regard to gender, race, color, ethnicity, national origin, religion, ideology, age, economic and educational background, sexual orientation, or physical, learning and psychological differences.

Nondiscrimination Statement

Yuba College does not discriminate on the basis of race, color, national origin, sex (gender), physical and mental disability, age, sexual orientation, religion, medical condition, ancestry, or marital status in any of its policies, procedures, or practices, nor does it tolerate sexual harassment, in compliance with the Americans with Disabilities Act of 1991, Title VI of the Civil Rights Act of 1964 (pertaining to race, color, and national origin), Title IX of the Education Amendments of 1972 (pertaining to sex), Section 504 of the Rehabilitation Act of 1973 (pertaining to handicap), and Age Discrimination Act of 1975 (pertaining to age). This nondiscrimination policy covers admission and access to, and treatment and employment in, the College's programs and activities.

The Yuba Community College District Board of Trustees has adopted a Commitment to Diversity, Equity, Inclusion and Accessibility policy, BP 1300, which includes the following: Definitions of Accessibility, Anti-Racism, Diversity, Equity, and Inclusion, a Diversity Statement, Principles of Community and a Diversity Framework for Institutional Transformation and Cultural Competency.

Inquiries regarding the equal opportunity policies, the filing of complaints, or to request a copy of the complaint procedures covering discrimination complaints may be directed to: Human Resources, Title IX Coordinator: (530) 741-6976 located at Yuba Community College District, 3301 E. Onstott Rd., Yuba City, CA 95991.

The lack of English language skills and disability will not be a barrier to admission and participation in the college's education programs.

The College recognizes its obligation to provide overall program accessibility throughout the College for handicapped persons. Call Human Resources, Title IX Coordinator: (530) 741-6976 to obtain information as to the existence and location of services, activities, and facilities that are accessible to and usable by handicapped persons.

Inquiries regarding Federal laws and regulations about nondiscrimination in education or the college's compliance with those provisions may also be directed to:

Office for Civil Rights
U.S. Department of Health and Human Services
90 7th Street, Suite 4-100
San Francisco, CA 94103
Customer Response Center: (800) 368-1019
Fax: (202) 619-3818
TDD: (800) 537-7697
Email: ocrmail@hhs.gov

Institutional Student Learning Outcomes

Student Learning Outcomes (SLO's) are the intended knowledge, skills, or abilities a student should gain or develop as the result of attending class, participating in a program, or earning a degree or certificate from Yuba College. SLO's differ from traditional measures of student success—letter grades—in that they measure specific skills within a course—and separate them from other factors that affect student success.

1. **Communication:** effectively use language and non-verbal communication consistent with and appropriate for the audience and purpose.
2. **Computation:** use appropriate mathematical concepts and methods to understand, analyze, and communicate issues in quantitative terms.
3. **Critical Thinking:** analyze data/information in addressing and evaluating problems and issues in making decisions.
4. **Global Awareness:** articulate similarities and differences among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues.
5. **Information Competency:** conduct, present and use research necessary to achieve educational, professional and personal objectives.
6. **Personal and Social Responsibility:** interact with others by demonstrating respect for opinions, feelings and values.
7. **Scientific Awareness:** understand the purpose of scientific inquiry and the implications and application of basic scientific principles.
8. **Technological Awareness:** select and use appropriate tools for personal, academic and career tasks.

Programs and Services

Basic Needs: Food and Housing

Yuba College Food Pantry, located in Building 100B, at the Welcome Center, provides short-term food assistance while helping students find a long-term solution to meet their food insecurity. Students are provided with breakfast, lunch or family meal, along with community resources of food banks available in the community. Students can receive assistance in applying for CalFresh food assistance. For more information visit the website: yc.yccd.edu/student/dustys-food-pantry, or call (530) 741-4929.

Bookstore

Yuba College Bookstore is located in Building 300. The bookstore is a one-stop shop, supporting community needs in and out of the classroom. When it comes to textbooks, the bookstore offers a variety of affordable options including used, rental and digital books as well as a price match promise to guarantee students get their materials at the lowest cost possible. The bookstore also makes shopping hassle-free with its Shop by Author Textbook program. You can find your required course materials by visiting www.yubashop.com. From the textbooks page simply enter your student ID and you will find your personalized course materials shopping list. Students can print and email the list. The bookstore also carries everyday essentials like clothing, gifts, supplies, as well as snack food and drinks. For more information on payment options, returns, shipping, store hours and more, call (530) 741-6998.

Buy Backs: The bookstore buys back textbooks, regardless of where the text was purchased. The textbook can be new, used, hardback, or paperback (excluding workbooks). Prices fluctuate according to demand, and the money can be loaded onto your debit card or a bookstore gift card.

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Bus Transportation

Yuba Sutter Transit: The bookstore provides services for the Yuba Sutter Transit system. You can purchase your monthly bus pass and load up to 3 months at a time.

Current prices for passes are:

- Local basic pass - \$20/month
- Disabled pass - \$10/month
- Youth pass - \$10/month
- Senior pass - \$10/month

EOPS, CARE, CalWORKs, NEXT Up, Basic Needs, TriO and other Student Services programs may provide transportation assistance. Please contact the programs for more information.

California Work Opportunity and Responsibility to Kids (CalWORKs)

The Yuba College CalWORKs Program, located in Building 100B, is a state funded student support program. Yuba College is a partner with local county offices. This partnership enables participants to attend community college in order to prepare for employment. The CalWORKs program offers services for eligible students in the following areas: academic, vocational and personal counseling, job placement (related to the student's major), CalWORKs Work-Study, access to the educational supplies and child care. For more information or to schedule an in person or virtual appointment, call the Yuba College CalWORKs Office at (530) 634-7773 or email CalWORKs@yccd.edu.

Career Services

Yuba College Career Services is located in Building 100B with the Neena Gill Counseling Center. Counselors are available to provide students with resources and tools to make career and life planning decisions. Services and tools available to students include career and vocational assessment, occupational information, career-related counseling services, and a library of occupational books and reference materials. The [Yuba College website](#) provides occupational information for all of our programs and degrees.

For more information, contact the Yuba College Counseling Department at (530) 634-7766.

Child Development Center

The Child Development Center is located in Building 1600 at Yuba College. The main objective of the Child Development Program/Lab School is to serve families of children on our college campus and in our community by providing an exemplary, developmentally appropriate early childhood program for children, families, college students and faculty through modeling best practices in the field of early childhood education.

The Yuba College Child Development Lab School follows the California State Foundations & Framework when planning activities/lesson plans for young children.

Objectives and Guiding Principles

- Children construct understanding through active interactions with caregivers, peers, materials and events.
- Learning is sequential, building on prior understanding and experiences.
- Learning proceeds at different rates in each content area/domain; children will show a range of skills and understandings in any one area of development.
- Learning in each area is interconnected. Young children learn best through integrated, meaningful experiences.
- Learning is embedded in a culture. Children learn best when their

learning activities are rooted in a familiar cultural context.

- Learning begins in the family, continues in early care and education settings, and depends on parent involvement and care giver guidance.
- All children have the potential to achieve learning outcomes with the appropriate supports and instruction.

Eligibility

Eligibility to enroll can be met by private pay or income eligibility and by meeting one of the following need criteria:

- Students with a need for childcare (There is no need requirement when attending only preschool hours.)
- Searching for work
- Working
- Incapacitated
- Searching for housing

Yuba College serves toddlers (18 months-36 months) and preschoolers (3-5 years) in a full day or part day state preschool program.

Hours of Operation

Monday-Friday 7:30 a.m. - 5:30 p.m.

Contact

(530) 749-3808

College Success Center

The College Success Center offers academic learning and support services to all currently enrolled Yuba College students at no cost. Our goal is to cultivate a positive, supportive, and inclusive learning environment. Join us on the Marysville campus inside the Library Learning Center in room 1103.

Our Services include:

Drop-in Tutoring: Students can drop into our center and work with an available tutor.

Recurring Group Tutoring Sessions: Students can schedule 50-minute appointments twice weekly for the entire semester.

Online Tutoring: Drop-in tutoring and recurring group tutoring sessions are available online via Zoom.

Exam Review Sessions: Test and final exam sessions are provided for participating courses and instructors dependent on tutor availability and student demand.

Study Spaces: Computers, printing, and whiteboards available for independent or group study.

Hours of Operation

Fall and Spring Semesters:

Monday-Thursday 8:00 a.m. to 7:00 p.m.

Fridays 8:00 a.m. to 4:00 p.m.

Summer Session:

8:00 a.m. to 6:00 p.m., Monday through Thursday

Closed Friday

Contact Information:

College Success Center
Room 1103
(530) 741-6759
yctutor@yccd.edu

Community Education

Community Education is a program of not-for-credit fee-based classes and activities designed to serve individuals with educational goals that do not require college credit. Its goal is to fulfill a role which enables the community to improve the quality of their lives through continuing

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education. There are no transcripts, grades, or academic requirements. Classes may be offered in response to an expressed interest or need by a specific population or organization.

Cooperative Agencies Resources for Education (CARE)

As a supplemental component of EOPS, CARE provides additional support services for eligible EOPS students who are single head of household, have at least one child under the age of 14, and are receiving TANF benefits. Grants for educationally related expenses (such as child care, transportation, textbooks and supplies) may be awarded as a means of strengthening the retention, persistence, graduation and transfer rates of these individuals.

For additional information call EOPS at Yuba College, (530) 741-6995 or email yceops@yccd.edu.

Counseling

Community colleges are distinguished by the personal attention given to students and the quality of guidance and counseling services provided. Counseling is an essential component of Yuba College and is designed to complement instruction while supporting students in academic, career and personal planning. Students are strongly encouraged to meet with a counselor at least once each semester to develop and review their educational plans and stay on track towards their goals. Counselors are available at Yuba College, Sutter County Center, and within specialized programs including EOPS, NextUp, CARE, CalWORKS, DSPS, MESA, and TriO

Some of the services provided by counselors include:

- Providing information about certificate, degree, and transfer requirements, as well as college policies, procedures, and students' rights and responsibilities
- Assisting students in assessing aptitudes, interests, values and personality traits related to career and academic planning
- Helping students develop decision-making skills including choosing, changing, or confirming career goals and identifying steps to achieve them
- Supporting students in identifying their educational program aligned with their career goals
- Developing student education plans that outline coursework and other academic support needs
- Assisting with course selection and the college registration procedures
- Recommending college activities and opportunities that support student success and engagement
- Planning transfer pathways that prepare students for admission to universities
- Providing workshops on topics that support student success
- Assisting students in addressing personal concerns that may impact their educational progress
- Referring students to appropriate campus and community support services and resources
- Offering Counseling (COUNS) courses designed to support student development, academic success, career exploration, and transfer preparation, including but not limited to:

COUNS 10-College Success

COUNS 25-Career Planning and Development

COUNS 30-Transfer Preparation

For more information or to schedule an appointment, email: yubacounseling@yccd.edu or call:

Yuba College (530) 634-7766

DSPS (530) 741-6795 or (866) 274-7530 (VP)

EOPS and CalWORKS (530) 741-6995

Sutter County Center (530) 751-5600

Distance Education

Distance Learning courses include both hybrid and fully online courses. Content, instruction, assignments, testing and student/faculty interaction occur at a distance. Some faculty may require students to come to campus to take exams or require prior approval for exams proctored at a remote site.

The rigor of hybrid and fully online courses is equal to a regular course. Students need to have good time management and computer literacy skills and be able to work independently. Two, 1 unit online courses are offered each term to help prepare students to be successful online learners: MCOMM 40, Success in Online Learning and LIBSC 1, Basic Research Skills.

Fully online courses are delivered using the YCCD Learning management software, Canvas, which is accessible via the website and within the MyCampus portal. Students access Canvas using their college student ID and password once they are enrolled in a course.

Technical support: provided via phone, email, virtual PC software, and in person. Any time, you can email Yuba College's Help Desk at helpdesk@yccd.edu; During working hours (Mon – Fri 8:00 am – 5:00 pm), you can reach Yuba College's Help Desk at (530) 741-6981; After hours (Mon – Fri 5:00 pm – 8:00 am, and weekends), you can reach Canvas's Help Desk at (844) 303-8279.

Distance Education-Student Services

Yuba College Student Services programs provide distance education services to prospective and current Yuba College students for non-urgent matters through telephone and web-based modalities. For information on how to access and arrange for distance education services, see each student service program in the Programs and Services section of the Yuba College Catalog or on the Yuba College website.

Disabled Student Programs and Services (DSPS)

DSPS provides support services and educational accommodations for students with disabilities to ensure full and equitable access to the community college experience. Based on a student's disability-related needs, support may include extended time when taking exams, note taking assistance, assistive technology access and training, course materials in accessible format, sign language interpreting or captioning services, mobility assistance, priority registration, counseling, learning assessments, and/or other accommodations/services.

Students who may be eligible for support include those with verified mental health disabilities (anxiety, depression, PTSD, etc.), hearing or vision disabilities, ADD/ADHD, mobility disabilities, autism, intellectual disabilities, learning disabilities, or other disabilities, including those that may be temporary.

DSPS recognizes disability as a valued aspect of diversity, embraces access as a matter of social justice, and promotes student independence by striving to ensure that the campus learning environment is inclusive and welcoming for all students.

To receive DSPS support, students must submit a DSPS application and either provide disability documentation from a healthcare professional or a previous school, or schedule a meeting with DSPS to explore options for obtaining disability verification.

For more information, call DSPS at (530) 741-6795 (voice) or (530) 455-5794 (video phone), email dspinfo@yccd.edu, stop by the DSPS Office in Building 1800 at the Marysville campus, or visit the DSPS Website.

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Extended Opportunity Program and Services (EOPS)

Extended Opportunity Program and Services (EOPS), located in Building 100B, is a state funded program that provides “over, above and in addition to” support services to economically and educationally disadvantaged students. EOPS promotes student success with priority registration, comprehensive educational planning, career and transfer planning, free tutoring, textbook assistance, limited financial assistance, and other additional services designed to support the student.

For additional information or to schedule an in person or distance appointment at Yuba College, call EOPS at Yuba College at (530) 741-6995 or email yceops@yccd.edu.

Financial Aid and Scholarships

Information about Financial Aid and Scholarships is located in the Financial Aid Section of the Yuba College Catalog and online at <https://yc.yccd.edu/student/financial-aid>.

Student Health Clinic and Wellness Center

Health Clinic (Student)

Yuba College, as part of Basic Needs and partnership with Harmony Health, offers a free Student Health Clinic. Services are available fall and spring semesters only.

Medical Service:

Monday: 8:00 am – 12:00 pm
Thursday: 1:00 pm – 5:00 pm

Behavioral Services:

Monday: 10:00 am – 12:00 pm
Thursday: 1:00 pm – 3:00 pm

Free Services to Students:

Allergies
Cold Sores
Flu Shots and Treatment
Earache and infections
Impetigo
Pink eye and styes
Pregnancy tests
Ringworm
Sinus Infection Sore Throat
STI's
Sports & routine physicals
TB testing and treatment
UTIs
Counseling Sessions

The clinic is located in Building 100B, Room 120 (by the Admission and Records Office). To schedule a Medical Service call (530) 207-5197 and for Behavioral Services call (530) 740-4929.

ID Cards

Current students can get a Yuba College student ID card at the Testing office located in the 100B building. Students must bring another form of ID or means to verify identity.

Library

The Yuba College Library, located in Building 1100, offers a wide variety of information services and resources to support student learning across curriculum. With access to updated book and electronic book collections, periodical subscriptions, and online research databases, the library is a great place to start any research project. Students are welcome to study in a quiet environment, search on a topic, and get help in finding information. Appointments are available to meet one-on-one with a librarian. Students may learn how

to use the library and its resources by attending an orientation session or enrolling in LIBSC I - Library Research Skills which is offered online.

The Learning Resources Center, located in the Library, features group study rooms, quiet study areas, and a computer lab. Members of the public are welcome to use the facilities any time the Library is open.

Library Hours:

Monday-Thursday: 8:00 am – 6:00 pm
Friday: 8:00 am – 4:00 pm (closed Fridays during Summer)
For more information contact:
530-741-6755 or ycoref@yccd.edu

Mathematics, Engineering, Science Achievement (MESA)

The MESA program assists educationally and economically disadvantaged students majoring in science, technology, engineering, and mathematics (STEM) fields to excel in their studies and transfer to a four-year university to earn a STEM bachelor's degree. MESA provides academic and career advising, drop-in tutoring, professional development workshops, STEM field trips, mentorship, assistance with the transfer process, visits to UC and CSU campuses, and more. MESA is designed to build community among STEM students and expose students to exciting careers in STEM. MESA is located at the Yuba College Marysville Campus, building 300- right next to the bookstore. For more information, you can call us at 530-741-6809 or email us at mesa@yccd.edu.

PUENTE Program

The mission of the PUENTE Program is to increase the number of students who transfer and enroll in baccalaureate level colleges and universities, earn their degree and return to the community as leaders and mentors of future generations. The program offers academic, counseling and mentoring support for students to build the skills necessary for success in both academic and career goals while in community college. Students enrolled in the program work closely with their counselor, instructor, and mentor. For more information, contact Kyra Mello at kmello@yccd.edu or Alejandra Duran at aduran@yccd.edu.

Selective Service Registration

Almost all male U.S. citizens and male aliens living in the U.S., who are 18 through 25, are required to register for the military draft. However, men who currently register are not automatically inducted into military service. Presently, the United States operates its military through volunteer enlistment. The last time men were inducted into the military was during the Vietnam War. Registration for a possible future draft is required to ensure America's preparedness in the event of a military crisis. In the event of a crisis that necessitates a draft to be invoked, men would be called in sequence determined by random lottery number and year of birth. They would then be examined for mental, physical and moral fitness by the military before being deferred or exempted from military service or inducted into the Armed Forces. Males may register as soon as they reach the age of 17 years and 3 months but must register within 30 days of turning 18.

If males do not register, they could be prosecuted and fined up to \$250,000 and/or be put in jail for up to five years. Registration is also required to qualify for job training benefits and most Federal employment. The Selective Service Registration Form may be obtained from the Yuba College Registration Office or from your local post office.

Students who have questions about Selective Service registration may contact the Selective Service at (847) 688-6888 or toll free (888) 655-1825, email information@sss.gov or DMCEspanol@sss.gov.

Student Accident Insurance Policy

Yuba Community College District students are covered by an Accident Insurance Policy for accidents and injuries sustained while students are on and/or off campus participating in school related activities. The policy has a maximum liability amount of \$20,000. Coverage is subject to the terms and conditions of the policy, which is available for review in the President's office.

Please note that Yuba Community College District does not offer a health insurance plan for its students. If a student is enrolled in a healthcare plan, the Student Accident Insurance Policy will be considered secondary coverage. If a student does not have a healthcare plan, then the Student Accident Insurance Policy will be considered primary coverage up to the maximum limit and subject to the terms and conditions of the Policy.

Testing Center

The Yuba College Testing Center is located at Yuba College in the 100B building. Call the center for its testing schedule and hours of operation at (530) 741-6864.

Individuals with disabilities or special testing needs should discuss options or accommodations with a Yuba College counselor and/or Disabled Student Program and Services staff.

The Testing Center is a member of the National College Testing Association (NCTA) Consortium of Test Centers and offers distance education testing for various colleges and universities from around the country.

For privacy and safeguarding of student records, photo identification is required for all testing transactions.

Transfer Services

Transfer services at Yuba College are coordinated through the Counseling Center located in Building 100B. These services are designed to support students who plan to transfer to four-year colleges and universities. Yuba College hosts an annual fall transfer program called, "College Information Day/Transfer Fair", which brings representatives from the University of California, California State University, independent California colleges and universities, as well as out-of-state colleges to campus. This event provides Yuba College students and local high school students with the opportunity to connect with university representatives and learn about academic programs, campus resources, and transfer admission requirements.

The transfer process can feel complex and overwhelming, and Yuba College counselors are committed to helping students explore transfer options and navigate the transfer process. These services include:

- Appointment opportunities with representatives from baccalaureate level colleges and universities
- The annual College Information Day/Transfer Fair
- Workshops related to transfer planning and application preparation
- Individual counseling services related to transfer pathways and planning

For more information, call (530) 634-7766 at Yuba College.

TRiO

TRiO is a cluster of eight federally funded programs, which started in the 1960s in an effort to identify and provide educational opportunities for students from disadvantaged backgrounds. The TRiO name is derived after the emergence of the first three programs: Upward Bound (UB), Talent Search (TS) and Student Support Services (SSS). The TRiO programs serve students ranging from middle school up to the university level and each program has specific guidelines for enrollment.

At Yuba College, there are three projects funded under the two TRiO programs:

- Student Support Services (SSS and SSS-STEM)
- Upward Bound (UB)

Student Support Services

The Student Support Services (SSS and SSS/STEM) Program is a federally funded TRiO program under the Department of Education and is designed to help students of disadvantaged backgrounds (first generation, income-eligible, and students with disabilities) be able to succeed in their pursuit of higher education. The goal of SSS is to increase college retention and graduation rates for its college participants and assist its participants from making the transition from one level of higher education to the next. SSS is a support system for students, to help them realize their academic dream. Students who intend to major in a STEM related field are placed in the STEM project while all others are placed in the regular SSS program. Some of the services provided include academic advising, tutoring, and financial aid program information and guidance.

Below are a few of the services free and available to SSS and SSS-STEM participants:

- One-on-one advising sessions in selecting courses for enrollment, major exploration, developing and/or monitoring comprehensive educational plan with their assigned TRiO SSS specialist or counselor.
- Providing tutoring services and resources through on-campus programs and SSS, workshops that touch on time management, study skills, and career exploration.
- Guide participants through process of seeking financial assistance and completing the Free Application for Federal Student Aid (FAFSA), provide financial literacy workshops in money management, student loans, scholarships, etc.
- Receive assistance with the transfer process from insuring you are on track to graduate to completing your transfer application to CSUs, UCs, privates, etc.
- Work with students on exploring, addressing and managing issues that fall outside the academic realm such as barriers to success whether financial, personal or psychological.
- Exposure to four-year institutions through college tour opportunities and workshops, prepare students for transition to a four-year university.

Upward Bound

Upward Bound is federally funded through the U.S. Department of Education to serve income-eligible and first-generation students to progress from high school all the way to graduate programs.

Upward Bound serves high school students from River Valley and Yuba City. The program provides opportunities for participants to succeed in a pre-college performance and ultimately in higher educational pursuits. The goal of Upward Bound is to increase the rates at which participants enroll in and graduate from institutions of post-secondary education. Additionally, Upward Bound provides support to high school students in their preparation for college admission.

The services listed below are free and available to Upward Bound participants:

- Six-week Summer College Academic and Cultural Enrichment Program
- Workshops on learning, career exploration and personal skills development
- Sessions at the student's respective high school with the Upward Bound Learning Specialist to assist in academic, career and personal advising and college exploration and planning
- Weekly after school tutoring
- Academic instruction in English, foreign language, mathematics, science and other academic classes

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- College visits
- Cultural enrichment activities
- Leadership workshops and conferences
- Scholarships

To learn more about any of the TRiO Programs, call (530) 740-1760 or visit <https://yc.yccd.edu/student/TRiO>.

The Legislative requirements of TRiO Student Support Services and Upward Bound programs can be found in the Higher Education Act of 1965, Title IV, Part A, Subpart 2.

Sutter Center

The Sutter Learning Resource Center & Library offers scheduled tutoring, drop-in tutoring, and library services for all currently enrolled Yuba College students. The Learning Resource Center is located inside the library on the 1st floor of the Sutter County Center in Yuba City, CA. Our tutors are available to assist students with Mathematics, Statistics, Chemistry, Biology, Sociology, English, ESL, writing and reading comprehension, and more. We work to provide academic support services in an equitable and inclusive learning environment, in-person and online via Zoom.

Our Tutoring Services:

- **Scheduled Tutoring:** Students meet with an assigned tutor twice a week for at least 50 minutes for the entire semester. Short-term appointments can also be accommodated.
- **Drop-in Tutoring:** Students come in-person or to the zoom meeting room during our hours of operation and meet with an available tutor.
- **Exam Review Sessions:** Review sessions for an exam, midterm, or final exam can be provided upon request depending on tutor availability.
- **Technology Support:** Students can get help with Canvas and the Yuba College Portal.

Our Library Services:

- **Textbook Reserves:** Textbooks and other resources are made available for short-term circulation to support students in their classes. Length of checkout depends on availability.
- **Chromebooks:** Depending on availability, Chromebooks are available for checkout for the semester.
- **Study Space:** Study rooms are available for checkout. All rooms have a whiteboard, and select rooms also have a TV projector.
- **Computer Lab & Printing:** Computers are available for use during our hours of operation.
- **Research Assistance:** Students can get help with research for any course.

Hours of Operation:

Spring and Fall Semesters:
Monday-Thursday 8:00 a.m. to 6:00 p.m.
Fridays 8:00 a.m. to 4:00 p.m.

Summer Session:
Monday-Thursday: 8:00 a.m. to 6:00 p.m.
Closed Fridays

Contact Us:

Sutter Learning Resource Center & Library
Room 129
(530) 751-5562
Yctutor@yccd.edu

Veterans Resource Center (VRC)

The mission of the Yuba College Veterans Resource Center (VRC) is to provide academic support to the student veteran community. Located in Building 725, the Yuba College VRC is committed to military affiliated

students who have chosen to make the transition from a military lifestyle to being a college student. The VRC is dedicated to assist veteran students in this transition and to help them achieve academic success. Some examples of activities in the VRC are to facilitate peer-to-peer support, mentoring, and a network of social camaraderie through the Student Veterans Association and other resources. The VRC staff partners with campus and community resources such as Financial Aid, Counseling, Disabled Student Program and Services and can assist veterans by making referrals to other community veterans' organizations such as the Yuba-Sutter County Veteran Service Officers, Yuba-Sutter Stand-Down, Cal-Vet resources and other VA Health providers. Other resources available in the VRC include a study area, computers with printer access, a book lending library and a television to relax between classes. Contact us at veteranservices@yccd.edu or call 530-741-6822.

Veterans Services

Yuba College is approved for the training of veterans and dependent students (AP 5013). The Veterans Resource Center (VRC) assists veterans, reservists, and dependents (of service-connected disabled, or deceased veterans) with their educational benefits. The VRC also acts as a liaison with the U.S. Department of Veterans Affairs.

Yuba College requires that all veterans and/or dependents who wish to collect education benefits call the Yuba College VRC to start a file. The VRC will provide assistance in applying for benefits, educational pay, college registration, placement testing and counseling referrals.

All benefit recipients are required to submit a copy of a current class schedule to the Yuba College VRC each semester. Regional VA processing of benefits can take 4 to 6 weeks. For more detailed information call the Yuba College VRC at (530) 741-6822.

Credit for Military Experience: Upon application, the College will evaluate military records to determine if a student may be awarded elective credit for military service. The service person must have spent at least four months in active service and have a discharge other than dishonorable. These units will satisfy the Yuba College Health/Physical Education/Kinesiology graduation requirement.

College credit may be allowed for the completion of college-level courses in formal service schools in accordance with recommendations found in the Guide published by the American Council on Education. Students must petition to earn specific credit for general education and major coursework completed in the military. Credit may also be allowed for college-level U.S. Armed Forces Institute (USAFI) courses (but not for USAFI GED tests).

Veterans Standard of Progress: A veteran student, who is receiving veteran benefits and is placed on academic progress notice, will have that notice reported to the Veterans Administration prior to the commencement of the next semester.

In accordance with Yuba College's policy on academic progress pause, students who remain on academic progress notice beyond two semesters where their cumulative GPA does not improve to a 2.0, or higher will be placed on academic progress pause. The college is required to report a termination of benefits directly to the Veterans Administration due to unsatisfactory progress.

The Yuba College Certifying Official cannot certify a veteran for any class beyond that point until the GPA is above a 2.0.

Once the Certifying Official certifies or recertifies a student for re-enrollment after termination for unsatisfactory progress, the Veteran's Administration presumes that the College has determined the student's ability to maintain satisfactory progress in the future. Any student needing to be recertified will need to consult the Certifying Official for assurance that all procedures and requirements have been met.

Military Withdrawal: A military withdrawal occurs when a student who is a member of the United States military (active or reserve) receives orders necessitating a withdrawal from enrolled courses. A student must file a petition requesting this option and attach a copy of military orders. Upon verification of such orders, a withdrawal symbol of "MW"

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will be assigned. Military withdrawals will not be counted in academic progress notice and academic progress pause calculations.

For more information, call the Yuba College Veterans Resource Center (VRC) at (530) 741-6822.

Work Experience Education

Work Experience Education (WORK) are courses designed to recognize learning that occurs on-the-job. To qualify, a student must have a volunteer or paid position and develop specific learning objectives approved by the employer and Yuba College. Call Yuba College at (530) 634-7771 for more information.

Workforce Innovation and Opportunity Act (WIOA)

The Workforce Innovation and Opportunity Act (WIOA) is a federally funded program that offers financial assistance to qualifying individuals who wish to obtain vocational training and have un-met needs after applying for the California College Promise Grant (formerly known as the BOGW fee waiver) and financial aid. The program helps students find a job or train for a new career. Authorized WIOA activities provided at the local level benefit job seekers, dislocated workers, youth, incumbent workers, new entrants to the workforce, veterans, and employers. These activities promote an increase in the employment, job retention, earnings, and occupational skill attainment by participants. This improves the quality of the workforce, reduces welfare dependency, and enhances the productivity and competitiveness of the nation. Acquiring employment, retention, and self-sufficiency through training are priorities with WIOA. It is important that students choose a career with a labor market need. If jobs are not available in the local area, students will need to consider relocating or commuting to another area.

The WIOA Office is located in Room 121, in Building 100B. This office offers a computer lab with current software programs, internet access, a study area, and a small lending library for textbooks. Interested students should inquire in the WIOA office to qualify for on-the-job training, books, supplies, tools, fees, testing, transportation assistance, and other school or job-related needs. This is not a loan and does not have to be repaid. The student may be receiving Financial Aid, EOPS, unemployment, and scholarships, and still receive WIOA assistance. This is not an entitlement program. The student must qualify and then it is based on funds available at the county level. For more information, call (530) 741-6830.

Writing and Language Development Center (WLDC)

The Writing and Language Development Center (WLDC) is a free service for all enrolled Yuba College students. We are located on the Marysville campus in the Learning Resource Center building, room 1116. Our tutors are available to assist students with English assignments and other academic courses that require writing support. Additionally, we offer tutoring for academic reading by providing active reading strategies to help increase comprehension, retention, and fluency.

- Other services include the following:
- Help with formatting papers in MLA, APA, and Chicago-style
- Informal study space and private study rooms
- Technology assistance and computer lab
- Proofreading tips
- ESL conversation groups

We offer one-time or weekly appointments, including online appointments and drop-ins' session depending on tutor availability.

Hours for Spring and Fall Semesters are:
Monday- Thursday 8:00 a.m. to 7:00 p.m.
Fridays 8:00 a.m. to 4:00 p.m.

Summer Session:
Monday- Thursday: 8:00 a.m. to 6:00 p.m. on
Fridays we are closed.

Yuba College students can make an appointment to receive help with any reading or writing assignment through a variety of ways:

Stop in the WLDC, room 1116 at the Marysville campus for immediate help or to make an appointment.

Drop in online via Zoom for immediate help. Please be sure to sign into Zoom using your first and last name. You will be verified as a Yuba College student.

Fill out a Request Tutoring form to schedule an appointment for future assistance. We respond within 24 to 48 hours of each request.

Writing and Language Development Center – Front Desk
Room 1116
(530) 740-1709

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Admissions

Yuba College does not restrict admission to residents of the District, nor does it restrict the privilege of District residents to attend any other community college. Nonresident students are accepted on the same basis as California resident students, except that State law requires a tuition charge (see "Residency Requirements" below).

Open Enrollment Policy

All courses, regardless of where offered, are open to members of the public who are otherwise eligible for admission with the following exceptions:

- Courses that are specifically exempted by statute, including "impacted" programs such as Radiologic Technology, Veterinary Technology, Associate of Science Nursing and Psychiatric Technician;
- Courses closed by maximum enrollment of students by the "priority registration" policies;
- Courses with academic prerequisites that restrict enrollment of academically unqualified students;
- College and Career Access Pathways (CCAP) courses offered in partnership with local high school districts either on a high school campus, on one of the Yuba College campuses, or online, that are only open to students from that district; and
- Courses with content that would be a repeat of a course of equivalent or more advanced course work previously taken by the student (exceptions require counselor evaluation and approval).

Applicants may apply for admission online by going to the Yuba College website at yc.yccd.edu

Admission to Impacted Programs: Impacted programs require a special application. For Associate in Science Nursing (ASN), Psychiatric Technician, Radiologic Technology call (530) 741-6784. For Veterinary Technology call (530) 741-6962.

Age and/or High School Graduation Requirement: In general, all full-time students must have earned a high school diploma, a State Certificate of Proficiency, or the equivalent, or be 18 years of age as of the date of registration, as provided in Section 76000 of the Education Code, and meet Federal "Ability to Benefit" requirements.

Dual Enrollment of High School Students (AP 5011): Yuba College is proud to partner with local high schools to provide early college opportunities that provide a longer, more gradual, seamless onramp to college for high school students. Research suggests that students who complete college credit while enrolled in high school are more likely to earn high school diplomas, to enroll in community colleges and four-year

colleges, to attend post-secondary education on a full-time basis, and to complete degrees in those institutions than students without these experiences. A high school student who has completed the eighth grade may be admitted subject to the following requirements with the written recommendation of the high school administrator and a parent or guardian's permission: no physical education/kinesiology courses may be taken; students must comply with any course prerequisite requirements and placement; students are required to fulfill the minimum day requirement at their high school, or, for charter/home-schooled students, the parent or guardian is required to verify that the proposed college course work will not interfere with the student's basic high school course work; Contact the high school administrator to obtain authorization for enrollment. Students are subject to all rules, and regulations, of the College.

The governing board of the District exempts all YCCD dual enrollment students from the following fee requirements for up to a maximum of 15 units per term:

Student representation fee (Education Code Section 76060.5)

Application Process and Steps to Enroll:

- File an application for admission.
- Submit high school and college transcripts; transcripts must be received by direct mail or electronically approved from the issuing institution or hand-carried in a sealed official envelope to the Admissions and Records Office.
- Complete the online orientation program to become acquainted with the College's programs, services, academic expectations, procedures, and regulations.
- Meet with a counselor to develop an educational plan appropriate to the student's goals and present learning skills. Counselors can suggest programs that will strengthen a student's learning skills.

Residency Requirements

California state law mandates that each student who applies for admission provide residency information and evidence as deemed necessary by the Admissions and Records Office to determine the student's residence classification. The following rules regarding residency determination are not a complete explanation. For further information, call the Admissions and Records Office. These rules are subject to change at any time in accordance with State law and the Administrative Procedures 5015.

The residency determination date is the day prior to the first day of instruction for each semester.

General Rules for Residency:

1. Persons who are 19 years of age or older may establish residence in accordance with the criteria listed below. Year of residence must begin after the eighteenth birthday.
2. Persons who are under 19 years of age may establish residence in accordance with the criteria listed below and the following: (a) Married minors may establish their own residence, and (b) an unmarried minor derives residence from the parent with whom the student residing. If the student lives with neither parent, residency is derived from the parent with whom the student last lived. (The residence of an unmarried minor who has a parent living cannot be changed by the student's act, by appointment of a legal guardian, or by relinquishment of a parent's right of control.)
3. Active duty military personnel stationed in California are entitled to resident classification.
4. A dependent child or spouse of an active duty military person stationed in California is entitled to residence classification.
5. A member of the armed forces of the United States stationed in California on active duty for more than three years immediately prior to being discharged will be exempt from the non resident fees. Establishment of residency requires physical presence and acts of intent be demonstrated for one full year.
6. Persons who have had a "permanent residence visa" for one year may establish residence in accordance with the criteria listed below.
7. Nonresident and non-citizens (other than "nonimmigrant aliens" who are out of status with INS) who have attended a California high school for at least three years and who graduated from a California high school may be eligible for an exemption of the non-resident tuition. (Obtain an AB 540/AB 2000 form online at the Admissions and Records Forms tab.)

Criteria for Residency: Nonresident students do not automatically become residents by merely being in California for more than one year. State law also requires "proof of intent" to establish California residence for more than one year prior to the residence determination date. The burden of proof rests with the student, not the College. Students must present a combination of documentation to prove intent to be a resident. Students must also show no contrary intent, that is, they must not have maintained residence status in their former state (i.e. driver's license, taxes, car registration, etc.). Types of

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documentation that may be submitted that will help to establish proof of intent (with lack of intent for residence in another state) include the following. No one factor is decisive.

Documentation: W-2 form; California State Income Tax payment; Driver's license; Motor vehicle ownership and registration; Purchase of property; Voter registration; License from California for professional practice; Any other proof of intent as may be deemed necessary to establish residence classification.

A student incorrectly classified as a California resident because of falsification of information is subject to reclassification as a nonresident and payment of nonresident tuition or exclusion from class(es) upon notification. Students classified as nonresidents may appeal the decision within 30 days of the date of the residence classification decision.

All students classified as nonresident are required to pay Nonresident Tuition Fee; the Enrollment Fee; and the Student Health Fee each semester. (See Schedule of Classes for current fee amounts.) Nonresident fees are refundable up to the end of the second week of instruction of a semester (dates vary for short-term classes) if the student withdraws from a course. The date on which the withdrawal is received in the Admissions and Records Office will determine the refund date.

Refunds shall not exceed the amount of tuition paid and will be processed in accordance with District regulations (see "Refund" section).

Registration Procedures

Student Responsibility Regarding Registration

Students should acquaint themselves with College policies and procedures, study this Catalog, consider the curricula carefully, and plan the courses needed for their major(s), degree and transfer including electives before registering online through Self-Service.

The college will provide students with access to Success Specialists and Counselors to assist in educational planning. Assessment services include counselor appraisal of previous college and/or high school work (transcripts should have been sent to the College).

Enrollment Priorities

Administrative Procedure 5055 provides information for the Enrollment Priorities process.

Day 1

DSPS, EOPS, CalWORKs, Veterans, and Foster Youth, Homeless Youth, and Student Parents (students with dependent children)

Day 2

Continuing students near graduation or transfer (verified by a counselor using a special priority form)

Athletes

TRiO students

MESA Students

Student Government Officials

Day 3

Continuing students in Good Standing with 50-89.5 credits

Day 4

Continuing students in Good Standing with 30-49.5 credits

Day 5

Continuing students in Good Standing with 12-29.5 credits

Day 6

Continuing students in Good Standing with fewer than 12 YCCD credits

Fully matriculated first time students

Change in Enrollment

Students wishing to change their course enrollment may add or drop classes using Self-Service registration, or by submitting the appropriate forms to the Admissions and Records Office. Full-term courses may be added during the late registration period (see "Schedule of Classes" online or in Self-Service), later only in special cases and with instructor

ENROLLMENT FEES for classes that are dropped on or before the refund deadline (Friday ending the second week of instruction for full-semester classes or ten percent of a short-term class) are credited to the student's account (see "Refund" section).

If a class is dropped prior to Census Date (20% of courses), no notation of the course will be entered on the student's transcript. If a class is dropped after that time but prior to the end of the thirteenth week of a regular semester (75% of the term), a "W" will be entered on the student's transcript. If the drop is processed after that time, State law provides the grade must be other than a "W," and usually it will be a failing grade.

It is the student's responsibility (not the instructor's) to process all adds and drops. This is not an automatic process. Students who discontinue attendance in any class without officially dropping the course are subject to a failing grade. If the student adds or drops a class using Self-Service, it is the student's responsibility to check that adds and drops were correctly processed.

Maximum Unit Load

The full-time load is typically twelve (12) to fifteen (15) units per semester, nineteen (19) units is the maximum load which is allowed. Units in excess of nineteen (19) are allowed only for the most urgent reasons and on the basis of counselor approval.

Eight (8) units is the maximum in which a student may register during the summer session without counselor approval.

Placement (AB 705)

In alignment with Assembly Bill 705 (AB 705), Yuba College provides placement recommendations for Math and English courses as part of the college application process. Guidelines are used to help a student determine the best placement for success in the course but a regularly admitted college student is eligible to take the transfer-level course required by their educational plan no matter the placement recommendation. See below charts for the multiple measures placement charts.

Placement Exemption: If students have completed the equivalent prerequisite course at another college or university, they must submit official transcripts to the Admissions and Records Office. Students may clear prerequisites by scheduling an appointment with a Counselor.

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Multiple Measures Placement Recommendations

ENGLISH	
CRITERIA	YCCD COURSE PLACEMENT
HS GPA ≥ 2.6	English C1000
HS GPA ≥ 1.9 but < 2.6	ENGL C1000 or English C1000 E Recommended
HS GPA < 1.9	ENGL C1000 or ENGL C1000 E Strongly Recommended

Special Admit Students Only: Students must complete 10th grade for English C1000, C1000E or ESL1A: transcripts with all final grades are required. Students who have not completed 10th grade may submit a Student Petition Form, documenting preparation to succeed in a college-level English Composition course. (per Academic Senate approval March 12, 2026)

MATH FOR LIBERAL ARTS	
CRITERIA	YCCD COURSE PLACEMENT
HS GPA ≥ 3.0	STAT C1000*
HS GPA ≥ 2.3 but < 3.0	STAT C1000* with STAT 100 Recommended
HS GPA < 2.3	STAT C1000* with STAT 100 Strongly Recommended

NOTE: Liberal Arts students may also want to consider Math 10, 15, or 16. Please consult with your Counselor about the most appropriate Math, Statistics, or equivalent course.

MATH FOR BSTEM (NOT REQUIRING MATH 1A)	
CRITERIA	YCCD COURSE PLACEMENT
HS GPA ≥ 2.6	MATH 9, 10, 20, 21, 7, 7S
HS GPA ≤ 2.6	MATH 9, 20, 21, 7, 7S with Additional Support Recommended

MATH FOR STEM (REQUIRING MATH 1A)	
CRITERIA	YCCD COURSE PLACEMENT
Higher STEM Placement HS GPA > 2.6 AND Passed high school Trigonometry, Precalculus, or Calculus with a C or better	MATH 1A
Lower STEM Placement HS GPA ≤ 2.6 OR Did not pass high school Trigonometry, Precalculus, or Calculus, with a C or better	MATH 1A Additional Support Strongly Recommended

NOTE: Placement into Math 1B requires Math 1A or AP Calculus score of 3 or above.

ENGLISH AS A SECOND LANGUAGE (ESL)
The ESL department uses guided self-placement to help students find the best class to take. It's a quick and easy process that can be done at home. Please visit https://yc.yccd.edu/eslplacement to get started.

*Other Liberal Arts math courses may be more appropriate for specific majors. See a counselor for more information.

Schedule of Classes

The Schedule of Classes found on the Yuba College website <https://yc.yccd.edu/academics/class-schedule/> with the most current course availability.

Student Fees and Expenses

All fees quoted below are those known at the time this Catalog went to press and all fee policy is outlined in AP 5030.

ENROLLMENT FEE

All students (unless at the time of registration they qualify for exemption* under State mandates) are subject to an Enrollment Fee. These fees are established by the State legislature and are determined at the time of enrollment by the student's unit load. The current fee is \$46 per unit.

CALIFORNIA COLLEGE PROMISE GRANT (CCPG)

Beginning the 2018/2019 aid year, the Board of Governors Fee Waiver (BOGFW) was renamed the California College Promise Grant (CCPG). The California College Promise Grant is a state sponsored program, which waives enrollment fees for qualifying students.

- California College Promise Grant (CCPG) Program A. For any student who, at the time of registration, is a recipient of (1) TANF (Temporary Assistance for Needy Families); (2) SSI/SSP (Supplementary Security Income/State Supplementary Program); (3) General Assistance/General Relief Program; or (4) The California Department of Veteran Affairs or the National Guard Adjutant General's Certification of Eligibility for a dependent's fee waiver.
- California College Promise Grant (CCPG) Program B. For low income students who meet eligibility requirements.
- California College Promise Grant (CCPG) Program C. For low income students who qualify for Financial Aid.

Prior to registration, students in any of these categories should obtain the appropriate application materials from the Financial Aid Office for exemptions.

Effective Fall 2016, California Community College students receiving the California College Promise Grant must meet minimum academic and progress standards to remain eligible for the CCPG.

Students Must:

- Maintain a cumulative GPA of 2.00
- Successfully complete at least 50% of all units attempted

Students not meeting the new standards are notified within 30 days of the end of each term. Students will be placed on either Academic (GPA) and/or Progress (Course Completion) notice. The notification will include an alert that a second term of academic progress notice will result in loss of CCPG eligibility. After the second consecutive term of notice, students may lose eligibility for the CCPG for their next registration opportunity.

How to regain eligibility. If CCPG eligibility has been lost, there are ways to have it reinstated:

- Improve GPA or Course Completion measures to meet the academic and progress standards
- Successful appeal regarding extenuating circumstances
- Not attending the same college district for two consecutive primary terms (fall/spring semesters, or fall/winter/spring quarters)

The appeals process for extenuating circumstances includes:

- Verified accidents, illness or other circumstances beyond student's control
- Changes in economic situation
- Evidence of inability to obtain essential support services

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- Special consideration factors for CalWORKS, EOPS, DSPS and veteran students
- Disability accommodations not received in a timely manner

Foster youth and former foster youth (age 24 years and younger) are not subject to loss of the CCPG under these regulations. Contact the Financial Aid Office or Registrar at Yuba College or visit www.yccd.edu/educational-services/bog.aspx.

NONRESIDENT/NON-CITIZEN TUITION

Students who have not established California residency in accordance with state regulations (see "Residency" section), will be required to pay the Nonresident Tuition Fee of \$329 per unit in addition to the enrollment fee, effective Fall 2026. Students who are both citizens and residents of a foreign country are required to pay \$329 per unit in addition to the enrollment fee. (Students must also pay the enrollment fee.)

STUDENT HEALTH FEE

All students are required to pay a \$10 Student Health Fee each semester/summer session. Students who depend exclusively upon prayer for healing in accordance with a bona fide religion, sect, or denomination (upon written verification from an authorized church official) are exempt from paying the Student Health Fee. This church documentation must be submitted to the office of the Vice President of Student Services for the exemption.

PARKING FEE

Students who drive vehicles on campus will pay a Parking Fee and be issued a decal. The cost is \$40 per semester; \$20 for summer session. As an option, students may purchase a \$2 daily parking pass in lieu of a semester decal. The Parking Fee covers day and evening campus attendance. All non-student visitors may park in the General Parking Lots and must display either a valid semester parking decal or a \$2 daily parking pass. Parking fees are nonrefundable after the fourteenth calendar day of the full-semester.

Note: Parking fees are waived for Fall 2026 semester but will resume starting January 2026 and on.

STUDENT IDENTIFICATION CARD

Students can obtain a Student ID card at the Marysville campus. The Testing office located in the 100B building will assist in the process.

STUDENT REPRESENTATION FEE

Per AB 1504, students have the option to support the Associated Students of Yuba College (student government) by accepting a \$2 fee each semester.

TEXTBOOKS, SUPPLIES AND OTHER RELATED COSTS

All students should be prepared to purchase their own books, which are sold at the college Bookstore. Direct school expenses for the entire year, including books, average \$600 to \$700; book costs for pre-professional students (such as engineering and medicine) will run somewhat higher.

Yuba College offers some courses with zero cost textbooks. Review course sections identified as zero cost textbooks on Self-Service.

Students in some health-care courses and programs (such as Nursing, Psychiatric Technology, Radiologic Technology) are required to pay for drug testing, film badges, a background check, and other related items for the program. The California College Promise Grant does not cover these expenses.

Students may be required to provide instructional materials required for a credit or non-credit course. Such materials shall be of continuing value to a student outside of the classroom setting and shall not be solely or exclusively available from the District (See Administrative Procedure 5031).

Average Expenses Included in the 2025-26

Yuba College Financial Aid Budget for a CA Resident Student Living at Home

Tuition and fees	1,124
Books, course materials, supplies	1,306
Food - Living expenses	10,030
Housing - living expenses	6,276
Transportation - cost between campus, residence and place of work	1,206
Miscellaneous/ personal	4,563
Total	24,505

*Based on 12 units per semester plus \$10 Student Health Fee per semester
Source: California Student Aid Commission

Refunds

ENROLLMENT FEES/STUDENT SERVICES FEES/ NONRESIDENT TUITION

Enrollment fees can be paid by cash, check, money order, debit card or credit card. YCCD accepts Visa, Master Card, Discover and American Express.

Students can request a refund of their student fees through the online request form in Self-Service. Please allow four weeks for processing.

Students are eligible for a refund of these Fees if the procedures below are followed.

- The student officially drops the class on or before the refund deadline (Friday ending the second week of instruction for full semester classes or ten percent of a short-term class), and
- The drop(s) reduces the student's currently enrolled unit load.

Refund dates vary for each short term class (see refund deadline information listed in the Schedule of Classes). Dropping before the refund deadline date for the class determines whether or not a credit may be refunded.

If students paid enrollment fees and subsequently were approved for a fee waiver, but there is no credit showing on the student account for which to request a refund, contact Admissions and Records at Yuba College or the Sutter County Center.

If fees were paid by check, there is a three-week waiting period before the refund can be processed. If fees were paid by cash or check, the refund will be issued by check to the student.

If fees were paid by credit card or debit card, the refund will be processed back to the same card unless the transaction is unsuccessful, in that case the refund will be issued by check to the student.

Students with questions regarding a refund in process, should contact the YCCD Fiscal Services Department at cashier@yccd.edu.

At the end of each fiscal year any credits on the student account will first be applied to other outstanding fees. Any remaining credits will be issued by refund to the student. It is the student's responsibility to provide and maintain current address and telephone number information through Self-Service or through the Admissions and Records Office.

PARKING PERMIT

Students who withdraw from classes before the thirteenth day of the semester may apply for a refund of the Parking Permit.

Financial Aid

Financial Aid

The role of the Financial Aid Office is to help eligible students pursue their educational goals. The objective is to provide funds and services to eligible students, following institutional, state and federal regulations. Financial Aid has offices at Yuba College and the Sutter County Center. For questions call (530) 749-7999 or visit the website at: yc.yccd.edu/student/financialaid

Criteria and Procedures for Financial Aid

The application form to be used for most financial aid programs is the Free Application for Federal Student Aid Program (FAFSA). In order to determine "need" for financial aid funds, taxable and nontaxable income information is necessary. Award funds are made based on this need. Income, assets, debts, size of family, and number of family members in college are important factors considered in the calculation. This information is reported on the application form and forwarded to the central processor for further processing. Supporting documentation is required based on Federal regulations. The FAFSA application is available at <https://studentaid.gov>.

Deadline for Filing Financial Aid Applications

Applications for each academic year are available as early as October 1st, and are processed on a first-come, first-served basis. All awards are based on student eligibility and available funds. To be able to receive Financial Aid funds, eligible students must have a complete file with the Financial Aid Office at Yuba College by the last day of instruction of the academic year. This may include the verification process.

Satisfactory Academic Progress

Students awarded financial aid funds are required by Federal regulations to make satisfactory academic progress towards achieving their Financial Aid approved educational goal. The specific requirements are described and included in the Yuba College Financial Aid Guide available at the Financial Aid Office and posted on the Financial Aid web site at yc.yccd.edu. Academic Progress towards the students' identified educational goal is required in order to continue receiving funds. Failure to make academic progress or be enrolled in required courses to achieve the educational goal may result in termination of Financial Aid.

RETURN TO TITLE 4 (R2T4). Students who drop completely or withdraw from classes prior to completing 60% of the term may be required to repay any unearned federal funds to Yuba College or to the Department of Education, per Federal regulations.

Programs Available to Yuba College Students

SCHOLARSHIPS

Many scholarships are available to help students meet the cost of their education. These scholarships become available through private support from individuals and organizations in the Yuba College community who have contributed to scholarship funds. Most scholarships are based on academic achievement; others are based on financial need. A complete listing of all scholarships offered, eligibility requirements, deadline dates, and application information is available on the Financial Aid web site at <https://yc.yccd.edu/student/financial-aid/scholarships/>

GRANTS

Federal, State, and Institutional grant programs are available to eligible Yuba College students. These funds are based on financial need criteria and eligibility and paid two times per semester. Included are Federal Pell, Federal SEOG Supplemental Educational Opportunity Grant, BIA (Bureau of Indian Affairs) Grant, EOPS (Extended Opportunity Program and Services) Grant, CARE (Cooperative Agency Resources for Education) Grant, Chaffee Grant, Cal Grants B and C, and full-time Student Success Grant.

COLLEGE PROMISE PROGRAM

Starting in Fall 2019, the Yuba College Promise Program will pay enrollment fees for all new, first-time, full-time college students up to 15 units per semester. All first-time college students, including students who earned college units while still in high school who:

- are California Residents or AB 540 eligible
- complete a FAFSA or CA Dream Act Application,
- enroll in and complete 12 or more units.

Note: Full time is considered 12 units or more. This program is not awarded on the basis of financial need. Yuba College students qualify for free enrollment fees for up to 15 units per semester.

Note: First-time student with a disability who is enrolled in fewer than 12 units may be deemed "full-time" and eligible for the YC Promise. Please contact the financial aid office to discuss eligibility (AB 2).

Note: If students have 16 units or more, students will be responsible for the enrollment fees difference. The Promise Program covers enrollment fees for 15 units per semester (fall and spring only) for the first two semesters of enrollment and if eligibility is maintained a second year will be covered as well. To maintain eligibility, students must complete 12 units with a 2.0 minimum in the first term (Fall); the enrollment fees waiver will be terminated in the following term (Spring) if the student does not meet the program requirements.

CALIFORNIA COLLEGE PROMISE GRANT (CCPG)

Formerly known as Board of Governors Fee Waiver (BOG), the California College Promise Grant (CCPG) is designed to ensure that the fee policies of the California Community Colleges (CCC) are not a financial barrier to education for any California resident or eligible non-resident. Enrollment fees for CCC students are determined annually by the Legislature and the Governor and can be adjusted whenever it is deemed appropriate. These fees are waived for needy students as defined by the CCPG program through appropriations assessed in the annual state Budget Act. The CCPG application may be completed in lieu of, or in addition to, the FAFSA or Dream Act Application to qualify for the CCPG and/or other student service programs and benefits (EOPS/CARE, etc.).

WORK STUDY

The Federal Work Study (FWS) Program provides jobs for eligible students awarded FWS funds as part of their financial aid package. An award offer is not a job guarantee. Call the Financial Aid Office for additional information.

DIRECT LOANS

Contact the Financial Aid Office for information on Student Loans.

AB 540 and the California Dream Act

The Law: AB 540 authorizes any student, including undocumented students, who meet specific criteria to pay in-state tuition at California's public colleges and universities.

AB 540 Eligibility Requirements:

- Attended a combination of California high school, adult school, and community college for the equivalent of three (3) years or more **or**
- Three (3) or more years of California high school coursework and

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attended a combination of California elementary, secondary, and high school of three (3) years or more; **and**

- Graduated with a California high school diploma or have the equivalent (i.e. California-issued GED, CHSPE) **or**
- Completed an associate's degree from a California Community College **or**
- Completed the minimum requirements at a California Community College for transfer to the California State University or the University of California.
- Must have registered or currently be enrolled at an accredited institution of higher education in California;
- Must have filed or will file an affidavit stating that will apply for legal residency as soon as possible; **and**
- May not be a non-immigrant holding a valid lettered non-immigrant Visa 5.

AB 540 Affidavit - "California Non-Resident Tuition Exemption Request"

In order to receive the exemption from non-resident tuition, students must obtain, complete, and submit the AB 540 Affidavit to the Admissions and Records Office. Students may be required to submit additional documentation such as high school transcripts and appropriate records of high school graduation or the equivalent.

THE CALIFORNIA DREAM ACT

AB 130 allows students, who meet AB 540 criteria (California Education Code 68130.5(a)), to apply for and receive non-state funded scholarships for public colleges and universities; AB 131 allows students, who meet AB 540 criteria, to apply for and receive state-funded financial aid such as institutional grants, California College Promise Grant, Cal Grant and Chafee Grant. Therefore, AB 540 students are allowed to apply for the following types of financial aid:

- California College Promise Grant (CCPG) - Formerly known as the Board of Governments Fee Waiver (BOG)
- State financial aid like Cal Grants and Chafee Grants
- Assistance from EOPS, CARE or CalWORKS
- Privately-funded scholarships

If eligible for AB 540, students must:

- Contact the Admissions and Records Office to complete the Affidavit form and provide the required documentation to establish eligibility
- Contact the Financial Aid Office to determine the next steps to take
- Students who have a Social Security Number need to complete the FAFSA at: www.FAFSA.gov
- Students who do not have a Social Security Number need to submit a California Dream Act application available at: <https://dream.csac.ca.gov/>

As of October 5, 2017, Senate Bill 68 was approved, which expands AB 540 to enable students to count years spent at a California Community College and Adult School towards AB 540 eligibility. Additionally, the bill allows completion of an Associate's Degree or satisfaction of the minimum requirements to transfer to the University of California (UC) or California State University (CSU) to meet the degree or units requirements, which expands possibilities for a student to qualify for in-state tuition and financial aid at CCCs and the CSUs.

AB 2248 Student Financial Aid: Cal Grant Program

Cal Grant award, except Cal Grant C, is limited to four academic years, except for a current or former foster youth, Cal Grant B awards may be renewed for a total of the equivalent of eight years of full-

time attendance in an undergraduate program, provided minimum financial need exists. A student needs to take 15 units per semester or equivalent quarter units, or 30 semester units or equivalent quarter units per academic year, in order to graduate in four years.

American Opportunity Tax Credit

The American Opportunity Tax Credit is actually a tax credit, not a scholarship. Tax credits are subtracted directly from the tax which is owed, rather than reducing taxable income like a tax deduction. A family must file a tax return and owe taxes in order to take advantage of it. The American Opportunity Tax Credit is not refundable for families who do not pay taxes. The federal government created the American Opportunity Tax Credit to allow families the opportunity to deduct the enrollment/tuition fees paid for attending college for income tax purposes. There are federal criteria and guidelines for deducting the fees for income tax purposes; consult a tax advisor for questions.

College Life

Athletics

Yuba College is a member of the Bay Valley Conference, California Community College Athletic Association (CCCCAA), which functions as part of the Community College League of California, and participates in men's and women's basketball, baseball, men's and women's soccer, men's and women's track & field, softball, and volleyball. (Refer to page 32, "Athletic Eligibility")

Children in Class

Attendance in a class is limited to those students who are officially registered in accordance with State and District regulations. This includes dual enrolled high school students. Children are prohibited from attending classes. In addition, the College assumes no liability for injuries that may occur to the child. The Child Development Center is available to provide childcare for Yuba College students. Contact the CDC for enrollment information at (530) 749-3808.

Clubs and Organizations

Clubs and organizations cater to and meet the academic, social, and political needs of a wide variety of students; they provide participation in extracurricular activities both on- and off-campus. Information concerning clubs and organizations can be obtained by calling (530) 740-1752 or visiting yc.yccd.edu/campus/clubs. Certain clubs listed below may not be active during the current academic year (depends on student interest and participation).

Current Active Clubs:

- Sociology Club
- Science Club
- Green Futures Club
- Mass Communications/Media Club
- Rainbow Connection Club
- Vet Tech Club
- Muslim Student Association Club
- Campus Ministries Native American Student Association Club
- Math Club
- Players Guild Club
- Spanish Organization of Yuba College (SOY) Club

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- General Engineering Collaboration Klub Outreach (GECKO) Club
- Rising Scholars Club
- Puente Club

The Associated Students of Yuba College (ASYC) is the representative body of Yuba College students and provides meaningful leadership opportunities. The ASYC provides services and social activities for students and represents students' views and interests to the Administration and Board of Trustees through participation on college and district committees.

Colors and Nickname

The college colors are navy blue and gold. The nickname of the college teams are the "49'ers."

Conduct and Discipline (AP 5500 & 5520)

The Yuba Community College District provides access to its services, classes, and programs without regard to national origin, religion, age, gender, race, color, medical condition, ancestry, sexual orientation, marital status, physical or mental disability, or because a person is perceived to have one or more of the foregoing characteristics.

Yuba Community College District is committed to ensuring student success by providing a world class learning environment. In this constructive campus environment, students will gain or develop knowledge, skills or abilities in the following areas: Communication, Computation, Critical Thinking, Global Awareness, Information Competency, Personal and Social Responsibility and Technological Awareness. In joining our academic community, and as a vital part of maintaining this environment, College students are expected to conduct themselves in accordance with district standards and to comply with district rules and those adopted by state and local authority.

The purpose of providing this Code of Conduct is to:

- give notice of specific rules and regulations governing standards of student behavior,
- give notice of inappropriate conduct and applicable penalties for violation of the rules and regulations, and
- to provide a procedure for disciplining students that offers fair and objective treatment (§ 66300).

For students enrolled in Academy or other regulatory programs, compliance with Academy rules or regulations is a condition of satisfactory academic performance, rather than a matter of student discipline. Academy students may be terminated from participation in the Academy and receive a grade of Incomplete for violating Academy rules or regulations. Termination from an Academy program does not otherwise affect a student's enrollment in the College, unless a separate disciplinary action is commenced pursuant to this Code of Conduct.

The following forms of discipline, in order of severity, may be imposed on a student for behavior that constitutes "good cause," as defined above and in accordance with the procedures outlined below.

- A. **Removal from class:** An instructor may remove a student from his or her class for the day of removal and the next class meeting. In the case of the Library, removal would be for the day and the next college day. The instructor shall immediately report the removal of the student to the College President or designee for appropriate action.
- B. **A written or verbal reprimand:** An admonition to the student to cease and desist from conduct determined to violate the Student Code of Conduct. Such reprimands are given in a disciplinary conference with an administrator. Written reprimands may become part of the student's permanent record at the college. Verbal reprimands may

become a part of a student's record at the college for a period of up to one year.

- C. **Disciplinary probation :** The disciplinary authority has the discretion to impose an appropriate probationary period consistent with these procedures. A copy of the written disciplinary probation is filed in the student's permanent file. In addition, if the student is a minor, a copy of the letter shall be sent to the student's parent or guardian, and the parent or guardian shall be invited to confer with the college administrator imposing the discipline.
- D. **Immediate Interim Suspension:** The suspension from one or more classes when required to protect lives or property and to ensure the maintenance of order. A student may be placed on immediate interim suspension without prior notice, provided that student is provided a reasonable opportunity for a hearing within ten (10) days of the first day of suspension.
- E. **Short-term suspension:** The suspension from one or more classes for a period of up to 10 consecutive instructional days.
- F. **Long-term Suspension:** The exclusion of the student from one or more classes for more than 10 consecutive instructional days, or from all classes and activities of the college for one or more additional terms.
- G. **Expulsion:** The exclusion of the student by the Board of Trustees from the college indefinitely when other means of correction fail to bring about proper conduct, or when the presence of the student causes a continuing danger to the physical safety of others. (Education Code §76030.)

A copy of the Yuba College Code of Conduct for Students may be obtained from the Office of the Vice President of Student Services and is available online on the Yuba College [website](#).

District Safety and Risk Management

District Safety and Risk Management

The Safety and Risk Management Department strives to create a safer learning and working environment for all students, employees, and visitors. In collaboration with campus constituents, local law enforcement, and community partners, Safety and Risk Management develops and implements safety programs and risk-reduction initiatives. All members of the campus community are encouraged to actively support campus safety through education, training, and engagement. This shared responsibility fosters a culture of awareness, accountability, and continuous improvement.

Safety and Risk Management oversees the District's written safety and emergency preparedness programs to ensure compliance with Board policies and applicable local, state, and federal regulations. Safety and Risk Management partners with the District Health and Safety Committee (DHSC) to identify unsafe conditions or practices and recommend corrective actions, assign accountability, and address procedural or process deficiencies.

Security on Campus

For police, fire, or emergency medical services, call 9-1-1.

The District contracts with the Yuba County Sheriff's Department (YCSD) to provide a Campus Resource Officer for the Yuba College–Marysville Campus and utilizes unarmed, uniformed campus security personnel to provide safety escorts, patrols, and response to non-hazardous incidents.

Students and employees are encouraged to save campus security and local law enforcement numbers on their mobile devices.

Yuba College – Marysville Campus

- Campus Resource Officer: (530) 749-7777
- Non-emergency crimes (YCSD): (530) 749-7777 Ext. 5
- Campus Security: (530) 870-1158

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Yuba College – Sutter County Center

- Non-emergency crimes (Yuba City Police Department): (530) 822-4660
- Campus Security: (530) 954-0599

Annual Security Report

In accordance with the Clery Act, Safety and Risk Management annually publishes the District's Annual Security Report, which includes campus security policies and crime statistics for the previous three calendar years. The report covers incidents occurring on campus, in District-owned or controlled off-campus properties, and on adjacent public property and is available on the YCCD Safety and Risk Management webpage.

Dress Regulations

Based on the YCCD Student Code of Conduct, Yuba College students are expected to demonstrate maturity and exercise good judgment and taste in everyday attire. Whatever the student's judgment, however, every individual is required to wear top and bottom clothing at all times and footwear in all campus buildings. Specific footwear may be required in specific areas of the campus due to safety and/or potential damage to the flooring. Additional dress regulations may be imposed upon students participating in certain programs or extracurricular activities sponsored or organized by the college.

Drug Free School Policy

The District is committed to providing its employees and students with a drug-free workplace and campus environment. It emphasizes prevention and intervention through education.

The Chancellor/President shall assure that the District distributes annually to each student and employee the information required by the Drug Free Schools and Communities Act Amendments of 1989 and complies with other requirements of the Act.

For assistance with education and referrals, students are encouraged to utilize Student Health Services.

Drug use can have a wide range of short- and long-term, direct and indirect effects. These effects often depend on the specific drug or drugs used, how they are taken, how much is taken, the person's health, and other factors. Short-term effects can range from changes in appetite, wakefulness, heart rate, blood pressure, and/or mood to heart attack, stroke, psychosis, overdose, and even death. These health effects may occur after just one use.

Longer-term effects can include heart or lung disease, cancer, mental illness, HIV/AIDS, hepatitis, and others. Long-term drug use can also lead to addiction. Drug addiction is a brain disorder. Not everyone who uses drugs will become addicted, but for some, drug use can change how certain brain circuits work. These brain changes interfere with how people experience normal pleasures in life such as food and sex, their ability to control their stress level, their decision-making, their ability to learn and remember, etc. These changes make it much more difficult for someone to stop taking the drug even when it's having negative effects on their life and they want to quit.

Drug use can also have indirect effects on both the people who are taking drugs and on those around them. This can include affecting a person's nutrition; sleep; decision-making and impulsivity; and risk for trauma, violence, injury, and communicable diseases. Drug use can also affect babies born to women who use drugs while pregnant. Broader negative outcomes may be seen in education level, employment, housing, relationships, and criminal justice involvement. For more information, please visit the National Institute on Drug Abuse.

The following program has been adopted to implement this policy:

- The Student Code of Conduct, supported by Education Code Section 60041, prohibits the unlawful possession, use, or distribution of illicit drugs and/or alcohol by students on its property or as part of any of its activities.

- Information regarding applicable legal sanctions under local, State, and Federal law for the unlawful possession or distribution of illicit drugs and/or alcohol is available to all students through the District Police Department.
- Educational materials regarding the health risks associated with the use of illicit drugs and the abuse of alcohol are made available to all students through the District Counseling Services. Information regarding resources for drug or alcohol counseling and treatment are also available through the District Counseling Services.

The Chief Student Services Officer of the college/campus will keep records of all student disciplinary actions and evaluate consistency of all enforcement.

Music

The Music Department provides a stimulating environment nurturing discovery, development, and recognition of the creative spirit. Students can participate in various performing ensembles including Chamber Singers, Concert Choir, Jazz Band and Symphonic Band or learn to make music through classes in piano, guitar or voice. More serious students of music can fulfill the required curriculum for an AA or AA-T in Music and transfer to four-year universities. Offering of courses also include those that meet the GE requirements, including World Music, Popular Music in the U. S., Music as Culture, Jazz Appreciation, and Rock Music and Culture. The Department also offers a number of public concerts for students and the community, including Tuesday Noon Recital Series, talent show, student recitals, ensemble concerts, public outreach concerts and more.

Recording Device Usage

The use of any electronic listening or recording device in classrooms requires the professor's permission. If such equipment is necessary to provide reasonable auxiliary aid and academic adjustment to students with disabilities, the student should call the Disabled Student Program and Services at Yuba College at (530) 741-6758.

Smoking and Tobacco/Nicotine Use Policy

In the interest of public health, Yuba Community College District and its colleges became a tobacco/nicotine free campus effective August 2016. This policy applies to all employees, students, vendors, volunteers and visitors.

Use of any form of tobacco/nicotine is prohibited at all times in the following areas:

On all owned, rented, and leased Yuba Community College District properties, grounds and buildings within the Yuba Community College District.

In all Yuba College and Yuba Community College District owned, rented and leased vehicles and mobile equipment.

This prohibition includes but is not limited to cigarettes, cigars, bidis, pipes, hookah, electronic cigarettes and smokeless tobacco/nicotine products.

Student Complaints and Grievances

Student Due Process: Complaints and Grievances Yuba College is committed to serving students in a respectful, fair, and equitable manner. District policies protect the rights of all members of the campus community and ensure every student a fair opportunity to pursue their academic goals. The procedures outlined below are available to any student who reasonable believes that they have been subject to an unjust action or decision that has adversely affected his or her rights as a Yuba College student or is not in compliance with College policies or state or federal laws.

Student complaints are classified into four categories:

1. Grade changes

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2. General complaints and grievances;
3. Discrimination and harassment complaints; and
4. Complaints to external agencies.

Complaint Process:

Step 1: Meet with the instructor or staff member to discuss the complaint.

Step 2: If the student is unable to resolve the concern with a faculty member, meet with the Division Dean. If the complaint is about an office or service and was not resolved, meet with the supervisor of that department to discuss the concern.

Regardless of the type of complaint and as stated in Step 1 above, students are first encouraged to discuss the complaint or grievance directly with the person or department responsible for the decision or action for which they have a concern (informal resolution). Informal resolution allows the faculty or staff to hear the student's concerns and work with the student to resolve the issue. However, a student has the right to pursue a formal complaint procedures at any time. See the specific types of complaints below for formal resolutions steps.

TYPES OF COMPLAINTS:

Grade Changes: Administrative Procedures 4231 outlines the process by which a dispute of a final grade for a course may be resolved in a fair manner and in accordance with state law. Students should note that the determination of the student's grade is final in the absence of mistake, fraud, bad faith or incompetence (Education Code 76224).

The request for a grade change should be initiated within the semester following the posting of a disputed grade. Students seeking a grade change should contact the instructor and request a grade change. If the instructor does not agree with the grade change request, the student should then meet with the appropriate dean. If the above process does not lead to resolution, a student has the option to submit a Grade Change Appeal form to initiate the Formal Grade Change Resolution Process by the Academic Standards Committee. Grade appeals shall be made within a two-year period upon completion of the course. The Grade Appeal Form is located at: <https://yc.yccd.edu/student/student-grievance/>

General Complaints and Grievances: The Music Department provides a stimulating environment nurturing discovery, development, and recognition of the creative spirit. Students can participate in various performing ensembles including Chamber Singers, Concert Choir, Jazz Band and Symphonic Band or learn to make music through classes in piano, guitar or voice. More serious students of music can fulfill the required curriculum for an AA or AA-T in Music and transfer to four-year universities. Offering of courses also include those that meet the GE requirements, including World Music, Popular Music in the U. S., Music as Culture, Jazz Appreciation, and Rock Music and Culture. The Department also offers a number of public concerts for students and the community, including Tuesday Noon Recital Series, talent show, student recitals, ensemble concerts, public outreach concerts and more.

Discrimination and Harassment Complaints: Students, employees or others wishing to file a complaint of discrimination on the basis of ethnic group identification, religion, age, gender, sexual orientation, color, or physical or mental disability or any other category of unlawful discrimination should contact the Chief Human Resource Officer. To make an appointment call (530) 741-6976.

Title IX: Yuba College supports and complies with Title IX of the Education Amendments of 1972 which prohibits sex discrimination in admission to, or employment in, all of its educational programs and activities. Contact the Title IX Coordinator at (530) 741-6976 or the Director of the Office for Civil Rights U.S. Department of Education, Washington DC.

Complaints to External Agencies: Most complaints and grievances are resolved at the campus level. However, some issues not resolved

at the campus level may be presented to the agencies below. Note that specific agencies handle certain types of unresolved complaints.

1. Institutional Compliance with Academic Program Quality and Accreditation Standards: Contact the Accrediting Commission for Community and Junior Colleges (ACCJC) at: <http://www.accjc.org/complaint-process>
2. Unlawful Discrimination: Contact the Department of Education Office of Civil Rights at <https://www.ed.gov/about/ed-offices/ocr>

Theatre Arts

The Theatre Arts Department aims to provide its students with basic knowledge of the theater. Courses are integrated around the central idea of learning and producing. Work in acting technique, design, costuming, makeup, lighting, technical production, and other crafts are all taught in theory and practice in the production of a variety of plays. The Department offers several plays for students and the public during the academic year.

Academic Regulations and Information

The College reserves the right to change any College rule or regulation, including the scheduling of courses; the requirements for graduation; the requirements for admission, degrees, and fees; and any other regulations affecting the student body. Such changed regulations will govern both old and new students and shall be effective whenever determined by the College. Failure to comply with established rules, regulations, policies, and/or procedures may result in disciplinary action and may result in academic progress pause from the College. Students who feel they have extenuating circumstances which excuse them from these academic regulations should:

- Obtain a standard Student Petition from the Counseling Department/ Student Services.
- Seek the advice and recommendation from a counselor.

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student's education records within 15 days of the day Yuba College receives a request for access.

If a student wishes to do so, the student should see a counselor to start the process. The student folder contains copies of high school and college transcripts (if they were sent to YCCD by the student) and other data that may be important for student guidance. The College transcript includes summary information from other colleges attended when those transcripts have been sent to the College for evaluation. These records are available for review by the student with the counselor or Student Services administrator.

If this step does not cover the types of records requested, the student should submit to the Vice President of Student Services,

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a written request that identifies the record(s) the student wishes to inspect. Staff will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by Student Services, the staff shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

Students may ask the College to amend a record that they believe is inaccurate or misleading. The student should write the College official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it is inaccurate or misleading.

If Yuba College decides not to amend the record as requested by the student, the College official will notify the student of the decision and advise the student of the right to a grievance hearing regarding the request for amendment per AP 5530.

3. The right to consent to disclosure of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

Directory information is given out only when it is necessary or appropriate to do so in the opinion of a member of the Student Services professional staff; a request to limit Directory Information can be made in writing at the Admissions and Records Office. Directory information includes name, major field of study, participation in officially recognized activities and sports, weight and height if a member of an athletic team, degrees and awards received (See BP 5040). Other than directory information, which may be released, no other data from a student's records will be released without written authorization except to authorized college personnel upon the basis of need in relation to the student's education or in response to a lawfully issued subpoena.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College as an administrator, supervisor, instructor, or support staff member (including law enforcement unit personnel and health or medical staff); a person or company with whom the District has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing the official's tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the College discloses educational records without consent to officials of another school in which a student seeks or intends to enroll.

Other than the permanent academic College record, data is kept only as long as it is pertinent.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Yuba College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-8520

Academic Renewal

A student's past substandard academic performance may not, for a variety of reasons, be reflective of the student's subsequent

demonstrated ability. In such instances, the student's prior record may impair progress toward a legitimate educational goal. The administrative policy (AP4240) outlined here is designed to permit alleviation of such previously recorded, substandard academic performance at Yuba College so that the student can achieve an appropriate academic goal in a reasonable period of time.

Definitions

Academic Renewal: A petition process that allows students to have college grades of "D" or "F" excluded from the GPA calculation; however, the courses and grades will still appear on a student's transcript.

Procedure

The Yuba Community College District Governing Board permits the alleviation of substandard ("D", "F", and "FW") academic performance, which is shown not to be reflective of the student's recent performance. This policy is adopted for students who need a means of tempering their previous academic record, so they may successfully accomplish an academic goal.

Academic Renewal is subject to the following conditions:

- The maximum amount of course work that may be alleviated from consideration in cumulative grade point average is 30 semester units.
- Since the end of the semester to be alleviated, the student must have completed 12 semester units with a 3.0 Grade Point Average (GPA), 18 semester units with a 2.5 GPA, or 24 semester units with a 2.0 GPA.
- A minimum of two semesters must have elapsed since the course work to be alleviated was recorded.
- The student must have completed at least 12 units in residence at Yuba College
- Under no circumstances may course work be discounted that has been used in fulfillment of requirements for a degree or certificate.
- If the student is otherwise eligible for graduation, Academic Renewal may not be used to raise the grade point average (GPA) in order to qualify for graduation with honors.
- No units that have been excluded by Academic Renewal can be reinstated.
- Course work granted Academic Renewal status may be counted, if appropriate, toward fulfillment of prerequisites.
- The student's academic record will be annotated in such a way that all work remains legible, ensuring a true and complete academic history.

Students seeking Academic Renewal must petition the Vice President of Student Services of the College. The petition arises out of a consultation between the student and a counselor. Current educational objectives should be discussed with a counselor and the counselor's recommendation should be included on the petition.

Yuba College will honor similar actions by other accredited colleges and universities in determining grade point averages and credits. However, students should be aware that all course work is subject to reevaluation by each subsequent college attended.

Transfer Credit from Other Colleges and Examinations

Students who previously attended other colleges may submit official transcripts from the colleges attended. Official transcripts may be submitted via direct mail, hand carried in a sealed official envelope or electronically delivered to Yuba College Admissions and Records Office. Official transcripts will be evaluated and credit applied

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as appropriate for lower division courses completed at colleges accredited by one of the regional accrediting associations (Western Association of Schools and Colleges, Middle States Association of Schools and Colleges, North Central Association of Schools and Colleges, Northwest Association of Colleges and Schools, and Southern Association of Colleges and Schools).

Credit is also allowed for College Level Examination Program (CLEP), DSST examinations, International Baccalaureate (IB) examinations, and College Board Advanced Placement (AP) examinations. See Appendix for CLEP, DSST, IB, and AP credit details.

Athletic Eligibility

Athletes are governed by the rules of the California Community College Athletic Association (3C2A) the Bay Valley Conference and by Yuba College regulations. Basic eligibility regulations are:

- Per 3C2A eligibility rules All students who are continuously enrolled in a minimum of 12 units are eligible for initial collegiate participation. Nine units must be attempted in academic areas, Six units must have begun and the student be actively attending or participating,
- Yuba College Athletic Department policy recommends student athletes to be enrolled in 15 total units, 12 academic units, at the start of each semester of the season of competition.
- Prospective student-athletes need to complete and pass a sports physical prior to participating in any intercollegiate-related activity.
- Abbreviated and/or comprehensive student education plans must be on file in the athletic office to maintain eligibility.
- To participate in a second spor student-athletes must be enrolled in 12 units and have at least a 2.0 GPA, and pass 6 units in their previous full time semester.
- To participate in a second season of the same sport, student-athletes must be enrolled in 12 units (nine of which are academic in nature), have completed 24 units (18 units must be academic in nature), and have at least a 2.0 GPA.
- For additional information about eligibility requirements, refer to the Athletic Constitution of the California Community College Athletic Association (3C2A), and the constitution of the Bay Valley Conference.

Attendance

A student is expected to attend all sessions of each class in which enrolled. Attendance is the student's responsibility. Any student who ceases to attend a class without officially dropping it through Self-Service or at the Admissions and Records Office may receive a failing grade (FW).

Auditing Class

The Yuba Community College District Board of Trustees has adopted the following guidelines authorizing the auditing of courses pursuant to Education Code Section 76370.

- Auditors must be eligible for admission to the College as regularly enrolled students.
- Students enrolling for credit will have priority in all credit classes. Auditing will be permitted only at the conclusion of the late registration period.
- Auditors will complete an Auditor Application Form, which must be signed by appropriate instructor. Faculty members instructing audit eligible courses have the right to refuse auditors.
- The completed Auditor Application Form must be filed with the Admissions and Records Office.
- A nonrefundable audit fee of \$15 per unit will be payable at the time

of enrollment by the auditor, plus the Student Health Fee.

- Students enrolled in ten units or more of credit classes will not be charged a fee to audit three (3) or fewer units per semester.
- Auditors will not be charged the regular Enrollment Fee which is paid for credit enrollment, and the Nonresident Tuition Fee will not apply.
- Course costs will be charged to auditors where appropriate.
- Auditors must purchase parking permits to park on campus.
- Auditors must meet course prerequisites.
- No transcript of record will be maintained for audited classes.
- Auditors will not be counted in enrollment-based decisions about maintaining or canceling classes.
- No transfer from audit to credit status or the reverse will be permitted.
- Audited classes do not count toward units for any purpose, e.g., financial aid, veteran's benefits, full-time student status.

Authority of Instructors

Every student is required to attend class regularly and instructors may report to the counselors and to the Dean the names of students whose attendance or work is unsatisfactory. The instructor has the right to drop any student with excessive absences (as defined by instructor) which, in the instructor's judgment, will prevent the student from meeting the objectives of the course.

Pursuant to the Code of Conduct for Students, an instructor may remove a student from class for the day of the removal and the next class meeting. The instructor shall immediately report the removal to the Vice President of Student Services/Code of Conduct Officer or designee to follow up with the appropriate Student Code of Conduct next steps

Catalog Rights

Students who have a notation (grade or "W") on their academic transcript in at least one semester of a calendar year receive "catalog rights." Summer session does not count for catalog rights. Catalog rights refer to the regulations determining graduation requirements. Students may elect the requirements in effect in the year they began their study within the Yuba Community College District or in the year they graduate from Yuba College.

Once catalog rights are established, absence related to an approved educational leave or for attendance at another accredited institution is not to be considered an interruption, providing the above attendance criteria are met.

While catalog rights hold degree requirements, they do not apply to changes in prerequisites required in a given course. Prerequisite requirements are those stated in the "Course Descriptions" section of the current catalog. Catalog rights do not apply to the multicultural graduation requirement (see "Graduation Requirements"). Classes used to meet the multicultural graduation requirement, and the health/PE/KINES requirement must have been approved to satisfy the requirement at the time the class was taken.

CLEP Exam Credit Acceptance Policy

Yuba College accepts the College-Level Examination Program (CLEP) examinations for credit in appropriate classes. Assuming that an acceptable score is achieved on a CLEP examination, Yuba College grants credit in the appropriate course(s) for each examination. The table below defines the credit offered and the course equivalent for each accepted CLEP examination.

See Appendix B for CLEP and IB Chart credit details.

DSST Exams

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Semester Test	Units Awarded	Equivalent Course
Astronomy	3	ASTRO 1
Business Mathematics	3	GNBUS 56
Criminal Justice	3	AJ 10
Environment & Humanity	3	Elective
Fund. of College Algebra	3	MATH Elective
Here's to Your Health	3	HLTH 1
Human Cult. Geography	3	None
Introduction Computer/Basic	3	COMSC 10L
Introduction to Computing	3	COMSC Elective
Introduction to Law Enforcement	3	AJ 10
Lifespan Development Psy	3	PSYCH 41
Organizational Behavior	3	MGMT Elective
Physical Geology	3	GEOL 10
Principles of Financial Acct	3	ACCT 1
Physical Science I	3	PHYSC Elective
Principles of Physical Science	3	None
Principles of Public Speaking	3	SPECH 1
Principles of Statistics	3	STAT 1

College Board Advanced Placement (AP) Examination Credit Acceptance Policy

Yuba College grants credit to students who have successfully completed College Board Advanced Placement examinations with scores of 3, 4, and 5. Students must submit official Advanced Placement Examination scores to the Records and Admissions Office in order to receive credit. Credit awarded is based on Yuba College (YC), California Community College Chancellor's Office, California State University (CSU), University of California (UC), and California General Education Transfer Curriculum (CalGETC) policy. Specific Yuba College course credit earned through AP Examination credit will be posted on the Yuba College transcript with a "P" grade. Students may not enroll in a course for which AP credit has been granted. Course credit and units granted by Yuba College may differ from course credit and units granted by other colleges. Units listed are indicated in semester units unless indicated otherwise. For AP examinations taken prior to Fall 2013 which are not listed below, see a counselor for information on credit that may be awarded.

See Appendix A for AP credit details.

Credit By Examination (Challenge)

A currently, or formerly, enrolled student may take a special examination to earn credit or to meet a prerequisite. If the challenge is at a campus or center, it must be a course offered at that campus or center. If the course is successfully challenged for credit, a "P" grade will be awarded. To be eligible to challenge a course a student must:

1. Not be enrolled in the course;
2. Not have completed nor be enrolled in a more advanced course;
3. Have completed at least 12 units from Yuba College with a GPA of 2.0 or higher;
4. Have approval from the appropriate division Dean and recommendation from the instructor teaching the course to be challenged.

To request a challenge, a student must submit a Petition for Credit by Examination to the appropriate Dean. Credit by examination is not applicable to all courses. A course may be challenged only once unless the Dean or the Vice President determines the existence of extenuating circumstances.

Credit For Military Experience

Upon application, the College will evaluate military records to determine if a student may be awarded elective credit for military service. The service person must have spent at least four months in active service and have a discharge other than dishonorable. These units will satisfy the Health/Physical Education/KINES graduation requirement.

College credit may be allowed for the completion of college-level courses in formal service schools in accordance with recommendations found in the Guide published by the American Council on Education.

Credit For Prior Learning

To encourage and assist students in completing degree requirements, Yuba College may award college credit for life experience. Applicable knowledge and skills may be through experiences such as: military training, industry training, state/federal government training, apprenticeships, internships, work-based learning, other industry-based experiential learning, or validated volunteer and civic activities (e.g., Peace Corps).

Credits acquired through the Credit for Prior Learning process are not applicable to meeting semester unit load requirements (i.e., full-time status, Veteran's or Social Security benefits, financial aid, etc.) and shall not be counted in determining the 12 semester hours of credit in residence required for an Associate degree. For more information, see the Yuba Community College District Administrative Procedure on Credit for Prior Learning (AP4235) or speak with a Counselor.

Computer and Network Usage Policy

The Yuba Community College District Board of Trustees, in granting access to College computers and networks, expects that students, in their use of these systems, will adhere to legal and ethical standards consistent with the College's mission. The Board hereby directs the administration to develop regulations and procedures setting forth the specific responsibilities and obligations related to use of college computers and networks. (AP 3720 Computer and Network Usage) The administration shall also establish disciplinary procedures to enforce this policy that are consistent with policies and laws governing the conduct of students. (AP 3725 Information and Communications Technology Accessibility & Acceptable Use)

Directory Information

Student records are maintained in compliance with applicable federal and state laws relating to the privacy of student records.

Any currently enrolled or former student of the District has a right of access to any and all student records relating to him or her maintained by the District.

No District representative shall release the contents of a student record to any member of the public without the prior written consent of the student, other than directory information, and information sought pursuant to a court order or lawfully issued subpoena, or as otherwise authorized by applicable federal and state laws.

Directory information shall include: name, major field of study, student participation in officially recognized activities and sports, weight, height, of athletic team members, degrees and awards received by students, including honors, scholarship awards, athletic awards and Dean's List recognition (See BP 5040). However, Directory information is given out only when it is necessary or appropriate to do so in the opinion of a member of the Student Services professional staff.

Students wishing to limit directory information release even more may file a request at the Admissions and Records Office within seven calendar days of registration.

Examinations

Midterm and Final Examinations may be given in all courses. Final Examinations in full-semester courses are given as listed on the Final Examination Schedule. No student exception may be allowed to the Schedule except upon approval of the course faculty. Such exceptions will be allowed only in the case of extreme emergency.

Exemption from Regulations

A student wishing to claim exemption from any regulation of the College must file a written Student Petition with the Vice President of Student Services, as appropriate.

Financial Obligations

Per AB 1313 and California Education Code 66022 and 76225, registration privileges and diplomas may be withheld from any current or former student who has been provided with written notice if the student fails to meet financial obligations to the College, including failure to pay Enrollment Fees, Tuition, Child Care charges; return library materials/pay library fines; return or pay for athletic equipment; pay loan or scholarship fund obligations; return/replace any College equipment for which responsible.

Graduation Deadlines

Yuba College has a formal graduation ceremony once a year (at the end of the spring semester).

Students earning a Certificate of Achievement, an AA or AS degree must apply for the degree by completing a petition for graduation form on Self-Service. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Nov. 15 for fall completion of the degree; April 15 for spring completion of the degree; July 1 for summer completion of the AA/AS degree.

Students earning an AA-T or AS-T degree must apply for the degree by completing a petition for graduation form on Self-Service online. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Sept. 15 for fall completion of the degree; Feb. 15 for spring/summer completion of the degree. These dates are designed to meet California State University (CSU) deadlines for verifying eligibility for an AA-T or AS-T degree for CSU admission purposes.

Grade Point Average (GPA)-Computing

The GPA is computed by dividing the total grade points by the total units attempted in the following manner:

Grade points are computed by multiplying the number of units represented by an individual course by the grade point value assigned to the grade. For example, a 3-unit course with a grade of "B" is 9 grade points ("B" 3 grade points x 3 units attempted). See "Grading" section for grade point values.

The total number of grade points earned in all courses is divided by the total number of units attempted. The result is the GPA.

Grades and Grade Changes

Grades awarded by faculty are final in the absence of mistake, bad faith, fraud, or incompetence. The request for a grade change must be initiated within the semester following the posting of a disputed grade. Students seeking a grade change should contact the instructor and request a grade change. If the instructor does not agree with the grade change request, the student should then meet with the appropriate dean. If the above process does not lead to resolution, a student has the option to submit a Grade Change Appeal form to initiate the Formal Grade Change Resolution Process by the Academic Integrity Committee. Forms are available online at: <https://yc.yccd.edu/student/student-grievance>.

Students can obtain their grades by accessing Self-Service on the Yuba College website.

Grading

The grading system is as follows:

Grade	Definitions	Points
A	Excellent	4
B	Good	3
C	Satisfactory	2
D	Less than satisfactory	1
F	Failing	0
FW	Failing Withdrawal	0

Failing withdrawal: A failing withdrawal occurs when a student has ceased participating in a course without having achieved a final passing grade and who did not withdraw from the course prior to the withdrawal deadline. The FW grade is treated in the same manner as an F grade for the purposes of calculating grade point average, course repetition, and academic standings for academic progress notice/pause. This symbol may not be used if a student has qualified for and been granted an excused or military withdrawal.

Other Notations/Definition

P	Pass: the "P" is awarded for work completed at the "C" or better level. Students earn no grade points, but they do earn the unit(s). Courses with a "P" grade are not computed in the GPA.
NP	No Pass: The "NP" is awarded for work completed at the "D" or "F" level. No units are earned for work at this level. Courses with an "NP" grade are not computed in the GPA.
SP	Satisfactory Progress towards completion of a noncredit course. This symbol is used for noncredit courses only and is not supplanted by any other symbol. Courses with an "SP" grade are not computed in the GPA.
AU	Audit: Students do not earn units, but the notation does appear on a student's permanent record.
EW	Excused Withdrawal: Special exemption. An excused withdrawal occurs when a student is permitted to withdraw from a course(s) due to extenuating circumstances or specific events beyond the control of the student affecting his or her ability to complete a course(s). A student must file a petition requesting this option approval of the petition. Upon approval of the petition, a withdrawal symbol of "EW" will be assigned. Excused withdrawals will not be counted in academic progress notice and pause calculation. The "EW" symbol may be used as described in, and in accordance with, section 55024.
W	Withdrawal: A "W" is recorded for students who officially withdraw from a course after the end of the fourth week of the semester or 30% of term (whichever is less) or 30% deadline of the course for short-term classes.

Full semester courses officially dropped after the end of the fourth week or 30% of term (whichever is less), 30% of term for short-term courses but prior to the end of the thirteenth week (75% of term for short-term courses), will result in "W" on the student's transcript. The "W" notation indicates that the student was permitted to drop the course or was dropped by the instructor. A "W" notation carries no connotation of quality of a student's performance and is not used in the calculation of grade point average.

Withdrawals for full semester classes after the thirteenth week of classes (end of 75% of term for short-term courses) must result in a grade other than a "W" (usually a failing grade). However, in cases of extenuating circumstances such as accident or serious illness, the student may file a petition and evidence (doctor's excuse, hospital bill, etc.) at the Vice President of Student

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Services requesting permission to withdraw after the final withdrawal deadline.

Although the "W" notation is not used in computation of grade point averages, excessive "W," "NC," "NP," or "I" notations are considered in determining Academic Progress Notice (see "Standards for Academic Progress Notice" page 37).

Students are responsible for processing appropriate official forms prior to the deadlines.

- MW Military Withdrawal: Special exemption—requires documentation. (See "Military Withdrawals" (page 22) for documentation required.)

Temporary Notations/Definition

- I Incomplete: At the end of a term, an "I" (incomplete) may be awarded by the instructor when a student has been unable to complete academic work for unforeseeable, emergency, and justifiable reasons. The incomplete signifies that the student was enrolled, has attended classes throughout the term, that only a minimal amount of course work has not been completed in the prescribed time, and there is still the possibility of earning credit.
- A copy of the Incomplete Grade Report Form will be emailed to the student indicating work to be completed for removal of the "I" and alternate letter grade to replace the "I" in the event the student fails to meet the conditions for removal of the "I."
- An "I" must be made up within one year following the awarding of the incomplete notation (excluding summer). A final grade will be assigned by the instructor when the work has been completed or the alternate grade will be awarded in the event the student fails to complete the work during the prescribed time period.
- A student may not enroll in the same course in which an incomplete grade was awarded.
- IP In Progress: This symbol indicates that a course is in progress and has not yet ended.
- RD Report Delayed: This symbol indicates either the course has not yet ended, or the instructor has not yet submitted the final grade for the student in the course.

Honors List/Dean's List

Deans Honors Achievement recognizes students who have maintained at least a "B" (3.0) grade point average in 12 or more graded units during that semester (does not count classes with pass/no pass grades). Honors achievement may be noted on the student's transcript.

Multiple and Overlapping Enrollment

A student may not enroll in two or more sections of the same credit course during the same term unless the length of the course provides that the student is not enrolled in more than one section at any given time.

A student may not enroll in two or more courses where the meeting times for the courses overlap unless:

- The student provides a valid justification, other than schedule convenience, of the need for an overlapping schedule.
- A Course Time Conflict Approval Petition must be completed by the student and the instructor. This petition is available at Admissions and Records or online on the Admissions webpage.
- The student makes up the overlapping hours at some other time during the same week under the supervision of the instructor of the course.
- The Vice President of Instruction or designee approves the schedule.

Notification of Emergency Absence

In cases where a student may be absent for four or more days, a Notification of Emergency Absence can be requested by a student from the College (in cases of accident, sickness, bereavement, etc.). Further, it is the responsibility of the student to call instructors upon returning to make up missed course work. Call the Counseling Office for Yuba College and the Admissions and Records Office at the other sites to request the Notification of Emergency Absence.

Pass/No Pass Grading

At the option of each Division and in accordance with Title 5 regulations, some courses are offered on the Pass/No Pass (satisfactory/failing) grading basis. In those cases where a single standard of performance for which unit credit is assigned, the "P/NP" grading system shall be used to the exclusion of other grades. Units shall be assigned for meeting that standard; no units will be assigned for failure to do so. The P/NP grading is indicated in the course description section of this Catalog and Schedule of Classes.

In addition, each student will be allowed to select one course each semester from those courses in which students are usually graded on traditional "A," "B," "C," "D," "F" basis from the courses for which "P/NP" has been deemed appropriate in the Course Outline of Record. The selected course is in addition to such courses as the District's Colleges may have opted to offer entirely on a "P/NP" basis. The student should consult a counselor to discuss transferability of courses placed on the Pass/No Pass option. The student must file the appropriate form at the Admissions and Records Office by the last day of instruction (excluding the final exam.)

The "P" notation will be awarded for work completed at "C" (satisfactory) or better level. Units earned for satisfactory achievement shall be counted toward the fulfillment of degree requirements. A grade of "D" or "F" work will result in an "NP" notation for the course. In neither case will units be counted in the determination of the student's grade point average, but the "NP" will be counted in Academic Progress Notice.

Prerequisites/Corequisites

"Prerequisite" means the preparation or previous course work considered necessary for success in a course. Prerequisites are required only for courses where specific academic background is necessary in order to assure students a reasonable chance of success in the course. Prerequisites which are listed as "required" include:

- Courses for which specific prerequisites have been validated,
- Sequential course work in a degree or program, or
- Courses in which a prerequisite is necessary for transfer to a baccalaureate college. Responsibility for having met the prerequisite rests with the student.

It is the student's responsibility to be aware of and comply with the prerequisite regulations. Prerequisites are shown for each course in the Catalog and Schedule of Classes. It is the student's responsibility to check the course descriptions and not register in any class for which the prerequisite has not been completed.

"Corequisites" for a course are those courses in which a student may enroll prior to enrolling in the target course or simultaneously with the target course. Corequisites provide the necessary skill or supplementary body of knowledge or laboratory time during the course to help assure success in the course.

Students may enroll in a course that has a prerequisite if the prerequisite course is in progress. Students from other colleges who are enrolled in an equivalent course to the prerequisite may enroll upon submission of the In Progress Prerequisite Verification Form (approved by a counselor).

Students may show they have met the prerequisite/corequisite requirements through one or more of the following:

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- Successful completion of the prerequisite course with a "C" or better grade.
- Official grade report or transcript from another college/school showing successful completion of the prerequisite with a "C" or better grade (requires a Prerequisite Verification Form approval by a counselor).

Students may be dropped from a class for not having completed the prerequisite. Such action may also result in a student losing Financial Aid, Veteran's Benefits, etc., since the drop may result in the student's units falling below full-time/part-time status.

Policy for Challenging Course Prerequisites

Students who wish to petition their recommended placement or the waiver of a prerequisite should be prepared to give evidence or justification why the exemption should be granted. Reasons for seeking a prerequisite challenge waiver may include one or more of the following:

- Prerequisite course is not available
- Prerequisite has not been validated
- Student has the knowledge or ability to succeed in the course without meeting the prerequisite, or
- Student believes the prerequisite is discriminatory or is being applied in a discriminatory manner.

Challenges to prerequisites/corequisites require the Prerequisite Challenge Form. Challenge forms are available at the Counseling Office at the Marysville Campus, the front desk at the Sutter County Center, and online on the Admissions webpage. The form should be filed at the location where the student registers for the majority of classes.

Public Law 101-542 and 102-26: Student Right To Know

Student Right-to-Know Rates for Fall 2021 Cohort
Completion Rate: 39.81 %
Transfer Rate: 9.06 %

In compliance with the Student Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of our college district to make available its completion and transfer rates to all current and prospective students. Beginning in Fall 2021, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students were tracked over a three year period. Their completion and transfer rates are listed above. These rates do not represent the success rates of the entire student population at the College nor do they account for student outcomes occurring after this three year tracking period.

Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became 'transfer prepared' during a three year period, from Fall 2021 to Spring 2024. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered 'transfer prepared'. Students who transferred to another post-secondary institution, prior to attaining a degree, certificate, or becoming 'transfer prepared' during a five semester period, from Spring 2022 to Spring 2024, are transfer students.

Yuba College Certificate and Degree Totals

The following are the numbers of degrees and certificates awarded at the College for the last three years (counts Fall, Spring, and Summer). These totals do not consider the students' status upon entering the College.

2021-22

Associate in Science for Transfer (A.S.-T) Degree	122
Associate in Arts for Transfer (A.A.-T) Degree	107
Associate of Science (A.S.) Degree	937
Associate of Arts (A.A.) Degree	164
Certificate requiring 30 to < 60 semester units	501

Certificate requiring 16 to fewer than 30 semester units	258
Certificate requiring 8 to fewer than 16 semester units	39
Certificate requiring 6 to < 18 semester units	166
Other Credit Award < 6 semester units	83
Total	2,377

2022-23

Associate in Science for Transfer (A.S.-T) Degree	109
Associate in Arts for Transfer (A.A.-T) Degree	79
Associate of Science (A.S.) Degree	729
Associate of Arts (A.A.) Degree	108
Certificate requiring 30 to < 60 semester units	103
Certificate requiring 16 to fewer than 30 semester units	34
Certificate requiring 8 to fewer than 16 semester units	4
Certificate requiring 6 to < 18 semester units	33
Other Credit Award < 6 semester units	1
Total	1,200

2023-2024

Associate in Science for Transfer (A.S.-T) Degree	100
Associate in Arts for Transfer (A.A.-T) Degree	87
Associate of Science (A.S.) degree	656
Associate of Arts (A.A.) degree	114
Certificate requiring 30 to < 60 semester units	441
Certificate requiring 16 to fewer than 30 semester units	100
Certificate requiring 8 to fewer than 16 semester units	29
Total	100

Standards for Academic Progress Notice/ Academic Progress Pause

Students are subject to Academic "Notice" and/or "Pause" for reasons of deficient scholarship, in accordance with the provisions of Sections 55031 through 55034 of Title V California Administrative Code, and this Catalog. It is the policy of the Yuba Community College District Governing Board that no student be automatically placed on academic progress pause, but that the individual case of each student subject to pause be reviewed by the Vice President of Student Services prior to invoking action.

ACADEMIC PROGRESS NOTICE:

1. A student who has attempted at least 12 semester units of YCCD classes as shown by the student's transcript shall be placed on Academic Progress Notice when the student has earned a cumulative grade point average of less than 2.0 in grades earned, or
2. A student who has enrolled, beginning fall 1981, in a total of at least 12 semester units of YCCD classes as shown on the student's transcript shall be placed on Academic Progress Notice when the percentage of all units in which a student has enrolled and for which entries of "W," "I," and "NP" are recorded reaches or exceeds fifty percent (50%).

REMOVAL FROM NOTICE: A student is removed from Academic Progress Notice when the cumulative GPA (earned in YCCD classes only) reaches 2.0 or higher, or a student is removed from Academic Progress Notice when the units of "W," "I," and "NP" grades drop below 50% of the accumulated units of completion as shown on the student's transcript.

ACADEMIC PROGRESS PAUSE: A student who is on Academic Progress Notice shall be subject to Academic Progress Pause if the student earned a cumulative GPA of less than 2.0 in all units attempted in each of 3 consecutive semesters even though a lapse of college attendance may occur between the semesters. A student who has been placed on academic progress notice shall be subject to pause if the percentage of units in which the student has been enrolled for which entries of "W," "I," and "NP" are recorded in at least 3 consecutive semesters reaches or exceeds fifty percent (50%). Academic Progress Pause may be postponed by the Counselor or the Dean of Student Development when evidence of academic improvement or extenuating circumstances exist.

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Students who feel they have extenuating circumstances with regard to these regulations should see a counselor who may conditionally reinstate a student when the circumstances are justifiable. Justifiable circumstances include accidents, illnesses, changes in working conditions, and other reasons beyond the student's control.

READMISSION. A student on academic pause may petition for readmission (on notice) after consultation with a counselor. Generally, the student must wait a semester before petitioning for readmission. The counselor will help the student select appropriate classes, limit the number of units of enrollment and set up a visitation schedule to check the student's progress during the semester of attendance.

Note: Students receiving financial aid must refer to the current Financial Aid Handbook concerning Academic Progress Status. Students receiving veteran's benefits should contact the Veterans' Services Office concerning consequences of academic progress notices. All students receiving aid/benefits should consult a counselor concerning consequences of notice. Students on notice may be prohibited from receiving aid/benefits.

Repetition of Courses

Per AP 4225 students may not enroll in a course more than three times, except in limited circumstances, described below. Enrollments include any combination of withdrawals and repetitions.

Per AP 4225 students may not enroll in a course more than three times, except in limited circumstances, described below. Enrollments include any combination of withdrawals and repetitions.

Courses Designated as Repeatable:

- Courses for which repetition is necessary to meet the major requirements of California State University (CSU) or University of California (UC) for completion of a bachelor's degree. The District will retain supporting documentation that verifies that the repetition is necessary to meet the major requirements as a Class 3 record basic to audit.
- Intercollegiate athletics where enrollment in the course is limited to no more than four times.
- Intercollegiate academic or vocational competition courses where enrollment in the course is limited to no more than four times. This limitation applies even if the student receives a substandard grade or "W" during one or more of the enrollments.

These courses are identified as repeatable courses in the college catalog and schedule of classes following the course description. For these courses, the grade received each time is calculated in the student's grade point average, except if the course is repeated pursuant to another section of this procedure.

Course Repetition to Alleviate Substandard Grades: Students may repeat a course for which they earned a substandard grade. For the purpose of course repetition and all other grade-related issues, substandard academic work shall be defined as meaning course work for which the student has earned an evaluative "D", "F", "FW", or "NP" grade as defined in Title 5 and which have been recorded on their academic record. A student may only take a course three times through a combination of substandard academic work and withdrawals (W) on their student record.

If a student, through a combination of substandard academic work (D, F, FW, or NP) and withdrawals (W), wishes to take a course for the fourth time, the student may submit a petition to the Academic Integrity Committee at Yuba College or the Student Success Committee at Woodland Community College for an additional repeat.

Upon completion of the repeated course, the best grade earned will be computed in the cumulative grade point average. The lower grade will remain on the academic record but will be coded with a symbol indicating the course has been repeated and will be disregarded in the computation of the grade point average. The student's academic record will be notated so that all work remains legible, ensuring a true

and complete academic history.

A student who has completed a course with a substandard grade at another accredited college or university may repeat the equivalent course in the Yuba Community College District. If successfully completed, the student may petition to have the substandard grade and units disregarded in the transfer totals from that other college.

Repetition of Courses for Which a Satisfactory Grade Was Recorded:

A course for which a satisfactory grade ("A", "B", "C", or "P") was earned may be repeated only when extenuating circumstances exist which justify such a repetition. Reasons for justification of these repeats include: significant lapse in time (no less than 36 months), change in technology, verifiable recertification/training requirements, significant change in industry or licensure requirements, or other justifiable reasons.

The student may submit a petition to the Academic Integrity Committee at Yuba College or the Student Success Committee at Woodland Community College for approval. Upon completion of the repeated course, the course and grade will be listed on the academic record but will be notated so the grade and units will not count. The original grade remains on the records and is calculated for the grade point average.

Course Repetition—Significant Lapse of Time: Students may be permitted to repeat courses in which a "C" or better grade was earned where there was a significant lapse of time of no less than 36 months since the grade was obtained and

- The District has established a recency prerequisite for a course or program; or
- An institution of higher education to which a student wishes to transfer has established a recency requirement that the student cannot satisfy without repeating the course.

When a student needs to repeat an active participatory experience course in physical education, or visual or performing arts, or that is related in content due to a significant lapse of time, each repetition attempt will be counted toward the established repetition limits. However, if a student has already exhausted the number of permitted repetitions, then an additional repetition due to significant lapse of time may be permitted or required by the District.

When a course is repeated due to a significant lapse of time, the course and grade will be listed on the academic record but will be notated so the grade and units will not count. The original grade remains on the records and is calculated for the grade point average.

- **Enrollment Limitations in Courses Related in Content:** Students may not enroll more than four times in any combination of active participatory courses that are related in content. The colleges designate courses that are related in content as "families of courses". Active participatory courses are those courses where individual study or group assignments are the basic means by which learning objectives are obtained. Examples of active participatory courses include physical education, visual arts or performing arts. This limit applies even if the student receives a substandard grade or "W" during one or more enrollment or petitions for repetition due to extenuating circumstances.
- **Legally Mandated Training:** Course repetition is allowed when the repetition is necessary for a student to meet a legally mandated training requirement as a condition of continued paid or volunteer employment. Such courses may be repeated for credit, and the grade and units received each time shall be included for purposes of calculating the student's grade point average. A student must petition the Academic Integrity Committee at Yuba College and present documentation that course repetition is necessary to complete legally mandated training. The District may claim apportionment each time the student repeats the course.
- **Significant Change in Industry or Licensure Standards:** Students may petition to repeat a course needed for employment or licensing because of a significant change in the industry or licensure

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standards. Students may take these courses any number of times. The student may submit a petition to the Academic Integrity Committee at Yuba College along with documentation that the course is needed because of a significant change in the industry or licensure standards.

• **Course Repetition for Students with Disabilities:**

Course repetition for students with disabilities is subject to the course repetition limitation; however, additional repeats may be individually authorized under the following circumstances:

- When continuing success of the student in other general and/or educational assistance course (such as Adapted Physical Education), is dependent on additional repetitions of a specific course;
- When additional repetitions of a specific special course are essential to completing a student's preparation for enrollment into other regular or educational assistance course (such as Assistive Computer Technology, LEARN 155 or LEARN 156); or
- When the student has an Academic Accommodation Plan, which involves a goal other than completion of the educational assistance course in question and repetition of the course will further assist with achievement of that goal.

The previous grade and credit shall be disregarded in the computation of grade point average each time the course is repeated.

- **Repetition of Variable Unit Courses:** Students may be permitted to enroll in variable unit open-entry/open-exit courses (other than active participatory courses in physical education, visual arts, or performing arts) as many times as necessary to enable them to complete the entire curriculum of the course once.

Students may not repeat variable unit open-entry/open-exit courses unless:

- The course is required for legally mandated training; or
- The course is a special class for students with disabilities which needs to be repeated; or
- Repetition of a portion of the course is justified by extenuating circumstances; or
- The student wishes to repeat a portion of the course to alleviate substandard work.

A student may not enroll in a variable unit open-entry/open exit active participatory course in physical education, visual arts, or performing arts more than one time.

- **Students may enroll in work-experience education.**
- **Extenuating Circumstances and Emergency or Extraordinary Conditions:** Course repetition is allowed when the college finds there are extenuating circumstances or emergency or extraordinary conditions. An "emergency or extraordinary condition" is an event that prevents a district from maintaining instruction for at least 175 days during a fiscal year, or materially decreases a district's general purpose apportionments in accordance with Title 5, Section 58146(b). Extenuating circumstances are verified cases of accidents, illness, or other circumstances beyond the student's control. The student may submit a petition to the Academic Integrity Committee at Yuba College for approval. The previous grade and credit will be disregarded in calculating the grade point average.

In determining transfer of a student's units, the colleges will honor similar, prior course repetition actions by other accredited colleges and universities and will use the most recent grade awarded in calculating the student's GPA.

No course repetition procedures established by the District will conflict with Education Code 76224 pertaining to the finality of grades assigned by instructors, or with Title 5 Section 59023, or District procedures relating to the retention and destruction of records.

Student Classification

I. REGISTRATION STATUS

FULL-TIME STUDENT: registered for 12 or more units of credit (4 units or more in summer session).

PART-TIME STUDENT: registered for fewer than 12 units of credit (fewer than 4 units in summer session).

SPECIAL PART-TIME STUDENT: dual enrollment in high school under Education Code Section 76001 or 76002

II. ACADEMIC CLASS STATUS

FRESHMAN STUDENT: has earned to date fewer than 30 units of credit.

SOPHOMORE STUDENT: has earned to date 30 or more units of credit but has not completed all course and unit requirements for the Associate in Arts or Associate in Science, or any higher degree.

Student Definitions

- **Continuing Student.** A student who was enrolled in the previous semester (excluding summer session).
- **First-time Student.** A student who has never attended any college.
- **New Student.** A student who has attended YCCD but has not attended the past 3 years.
- **Returning Student.** A student who attended Yuba College previously, but not during the previous semester (excluding summer session) or last 3 years. If after 3 years, the student will be categorized as a new student at Yuba College.
- **Transfer Student.** A student who attended another institution prior to applying to Yuba College.
- **Returning Transfer Student.** A student who attended a Yuba College class, then attended another institution, and plans to attend a Yuba College class again.

Transcripts

A student may apply for an official transcript of college courses at the Admissions and Records Office. Two copies are furnished free by the College; additional copies are \$5 each. Transcripts requested "over the counter" or a "48-hour rush mail" will require a \$10 "rush" fee. Transcript fees must be paid at the time of request.

Official transcripts may be requested in person, by mail, by fax, or online. For information about transcripts, contact the Admissions and Records Office at (530) 741-6720, email ycadmissions@yccd.edu, or visit the Admissions and Records Office webpage on the Yuba College website.

Students may print out their own free "unofficial" transcript copy online by logging on to the Yuba College website. Select Self-Service and follow the instructions.

Withholding of Student Records

Per Administrative Procedure 5035, the Registrar may withhold diplomas from any student or former student who fails to pay a proper financial obligation to YCCD. The student will be given written notification and the opportunity to explain if the obligation is in error. Transcripts and grades may not be withheld.

General Education and Graduation Requirements

This section describes the College's graduation requirements. Not all requirements can necessarily be met at all locations where classes are offered. Students should consult the Schedule of Classes at each location to determine the types of classes available and frequency of offerings.

See Appendix D for Graduation Requirements checklist and Program MAPs on the Yuba College website

Associate in Arts/Associate in Science Degree

The Associate in Arts or Associate in Science degree may be awarded to a student who has completed the following requirements:

TOTAL REQUIREMENT 6: All students are required to complete a minimum of 60 semester units in lower division associate degree level courses with at least a 2.0 ("C") grade point average. The grade point average that is calculated for associate degree purposes only counts units and grade points earned in associate degree level classes. Non-associate degree credit courses (numbered 100-199 and 200-299) completed fall 1989 and thereafter will not count toward the associate degree. For courses completed between July 1, 1983, and July 30, 1989, a maximum of 6 semester units of courses numbered 100-199 may be counted toward this requirement. All courses numbered 200-299 completed prior to fall 1989 may be counted toward this requirement.

RESIDENCY REQUIREMENT: All students are required to complete a minimum of 12 semester units with at least a 2.0 ("C") grade point average in associate degree level classes at Yuba College.

GRADUATION APPLICATION REQUIREMENT: Students earning an AA or AS degree must apply for the degree by completing a petition for graduation on Self-Service online. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Nov. 15 for fall completion of the degree; April 15 for spring completion of the degree; July 1 for summer completion of the AA/AS degree. Students graduating in Summer who want to participate in ceremonies need to apply by April 15th.

GENERAL EDUCATION PHILOSOPHY STATEMENT: Common to both the Associate in Arts and Associate in Science degrees is a strong general education program which fosters the following philosophy: "General Education at Yuba College is more than a set of required courses. It is a course of study designed to assist the student in beginning an effective lifelong learning process in which the interrelationships of human knowledge and experience are recognized. Embodied in this design is recognition of the student's need to think and communicate effectively, both orally and in writing; to use mathematics; to understand the modes of inquiry of the major disciplines; to be aware of other cultures and times; to achieve insights gained through experience in thinking about ethical problems; to develop the capacity for self-understanding; and to understand the issues related to and the ways in which health and well-being can be maintained."

Additional Associate Degrees

An Associate in Arts or Associate in Science degree will be awarded to those already possessing an associate degree, subject to the following conditions:

1. All requirements in a different major from that of previous associate degree(s) must be satisfied. The major will be printed on the degree.
2. All general education requirements in effect at the time of beginning the new degree program must be satisfied. After meeting the above conditions, a student may petition for any degree for which the graduation requirements have been met.

Transfer Requirements and Information

General Transfer Information

Yuba College offers many of the lower division (freshman and sophomore level) classes that are part of the requirements to earn a baccalaureate degree at a college or university. Yuba College students may complete all or most of their lower division general education and major preparation before transferring.

Transfer requirements and the requirements for a Yuba College Certificate of Achievement and/or Associate of Arts Degree or Associate of Science Degree program can be very different. With careful planning a student may be able to earn a certificate and/or associate degree as well as meet transfer requirements. In some specific majors, it is possible to earn an Associate of Arts for Transfer or an Associate of Science for Transfer degree. Therefore, the importance of reaching a decision regarding one's objectives as early as possible cannot be overemphasized.

Transfer requirements can vary among college or universities. Students are encouraged to meet with a Yuba College counselor to discuss their transfer plan and develop a comprehensive student educational plan which meets the requirements of the particular college or university to which they wish to transfer. For additional college and university transfer information, students are encouraged to meet with university representatives virtually or who periodically visit the Transfer Center, participate in Yuba College's College Fair, access transfer admission information including college catalogs online through college, university, or system websites, attend open house or preview events, and go on Yuba College sponsored field trips to colleges and universities.

Although Yuba College assists students in preparing for transfer, it is ultimately the students' responsibility to make sure that the requirements for transfer have been met. The information and requirements in the following sections are subject to change without notice.

Articulation

Articulation is a process of developing formal agreements that identify courses at one college that are accepted in lieu of specific courses at another college or that fulfill a specific statewide pattern of general education.

Yuba College has developed numerous articulation agreements with California State University and University of California campuses. These agreements may be viewed at www.assist.org. Articulation agreements have also been developed with some California private and out-of-state colleges and universities and are available on their websites. See a counselor for assistance.

Articulation System Stimulating Inter-Institutional Student Transfer (ASSIST)

ASSIST is a single computerized database located at www.assist.org that provides access to articulation agreements developed between California Community Colleges, the California State Universities (CSU), and the Universities of California (UC). As articulation agreements are updated, so is the information maintained in ASSIST. See a counselor for assistance in how to use ASSIST.

- **CSU Transferable Courses:** These are courses from a California Community College that transfer to any CSU campus for baccalaureate/transfer credit.
- **Cal-GETC Courses:** These are courses from a California community college that apply to the California General Education Transfer Curriculum (Cal-GETC) for students with catalog rights Fall 2025 or thereafter.
- **CSU GE-Breadth Certification Courses:** These are courses from a California community college that apply to the CSU GE-Breadth certification requirements for use by students who have maintained catalog rights prior to Fall 2025.
- **CSU US History, Constitution, and American Ideals Courses:** These are courses from a California community college that satisfy the CSU graduation requirement in U.S. History, Constitution, and American Ideals.
- **IGETC for UC and CSU:** These are courses from a California community college that apply to the Intersegmental General Education Transfer Curriculum (IGETC) requirements for use by students who have maintained catalog rights prior to Fall 2025.
- **UC Transferable Courses:** These are courses from a California community college that transfer to any UC campus for baccalaureate/transfer credit.
- **UC Transfer Admission Eligibility Courses:** These are courses from a California community college that satisfy the minimum eligibility course requirements for admission to the UC.
- **By Major:** These agreements specify courses at one college or university that fulfill lower-division major requirements/preparation at another college or university.
- **By Department:** These agreements identify courses at one college or university that are acceptable in lieu of courses at another college or university.

C-ID Common Course Numbers

C-ID is a common numbering system among California Community Colleges and California State Universities. Courses from different colleges with the same C-ID may be used in place of one another without a petition.

See www.c-idsystem.org for a list of C-ID approved courses. Approved C-ID courses are also included in the Programs and Courses section of this catalog.

Transfer to California State University (CSU)

Students who have enrolled in college beyond the summer following their high school graduation are considered transfer students and must meet transfer admission requirements.

Students who have completed fewer than 60 CSU transferable semester (90 quarter) college units at the time of transfer are considered lower division transfer students.

Students who have completed 60 or more CSU transferable semester (90 quarter or more) college units at the time of transfer are considered upper division transfer students. The CSU gives priority admission consideration to California Community College students who meet the

CSU upper-division transfer admission requirements. However, the highest admission priority is given to California Community College students who have earned an Associate Degree for Transfer. See "Associate Degree for Transfer" for more information on the degree requirements.

Lower Division Transfer Admission Requirements:

Transfer students with fewer than 60 semester or 90 quarter CSU transferable units must have a grade point average of 2.0 ("C") or better in all transferable units attempted, be in good standing at the last college or university attended and meet one of the eligibility standards identified by CSU available on <https://www.calstate.edu/> apply or <https://www.calstate.edu/>.

Due to enrollment pressures, many CSU campuses do not admit lower division transfers. Some campuses may require lower division transfer students to complete specific college coursework as part of their admission. See the colleges website for more information as it can change annually.

Upper Division Transfer Admission Requirements:

To be admitted to the California State University as an upper-division transfer (UDT) student, you must:

- have completed at least 60 semester (90 quarter) units of transferable college credit, of which 30 semester (45 quarter) units are at a level equivalent to general education courses;
- have attained a grade point average of 2.0 or better across all transferable college courses attempted. A higher GPA may be required for high-demand programs and/or campuses;
- be in good standing at the last college or university attended. In other words, "good standing" means you are eligible to re-enroll at your last college or university;
- have completed with a grade of C- or better one course in each of the following four areas (in either column):

Area 1A: English Composition

Area 1B: Critical Thinking and Composition

Area 1C: Oral Communication

Area 2: Mathematical Concepts and Quantitative Reasoning

Campuses and/or programs that are designated as impacted have additional admission criteria. Impacted campuses/programs result when the number of CSU eligible applicants received in the initial application filing period is greater than the number of students that can be accommodated by the campus or major.

Some CSU campuses have restrictions on when courses in Area 1 and 2 must be completed prior to transfer.

There are limitations on the number of CSU transferable work experience credits accepted. These vary by CSU campus.



**A Degree With
A Guarantee.comSM**
Associate Degree for Transfer

Associate Degree for Transfer Requirements

The Student Transfer Achievement Reform Act (SB 1440) established an Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T) for California community college students. The AA-T or AS-T degrees are designed to provide a clear pathway to the CSU degree major. Students who are awarded an Associate Degree for Transfer (AA-T/AS-T) degree and meet the CSU minimum admission requirements are guaranteed admission with upper division (junior level) standing to the CSU (but not necessarily to the specific CSU of choice) and are given priority admission consideration when applying

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to a CSU program that has been deemed similar to the degree earned at the student's community college. Once admitted to CSU, the student will only be required to complete 60 additional prescribed units to qualify for the baccalaureate degree.

In order to earn an Associate Degree for Transfer (AA-T/AS-T), students must complete:

- 60 semester or 90 quarter units of coursework eligible for transfer to the CSU, including Cal-GETC
- At least 18 units of coursework in the major or area of emphasis as defined by the California Community College AA-T or AS-T degree with each course in the major completed with a "C" grade or better
- A minimum cumulative GPA of 2.0 for all CSU transferable courses completed.

Students earning an AA-T or AS-T degree must apply for the degree by completing an associate degree for transfer graduation petition form on Self-Service. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Sept. 15 for fall completion of the degree; Feb. 15 for spring/summer completion of the degree. These dates are designed to meet California State University (CSU) deadlines for verifying eligibility for an AA-T or AS-T degree for CSU admission purposes.

Yuba College offers the following Associate Degrees for Transfer:

- 📖 Administration of Justice (A.S.-T)
- 📖 Biology (A.S.-T)
- 📖 Business Administration 2.0 (A.S.-T)
- 📖 Chemistry (A.S.-T)
- 📖 Communication Studies 2.0 (A.A.-T)
- 📖 Computer Science (A.S.-T)
- 📖 Early Childhood Education (A.S.-T)
- 📖 Economics (A.S.-T)
- 📖 Elementary Teacher Education (A.A.-T)
- 📖 English (A.A.-T)
- 📖 Environmental Science (A.S.-T)
- 📖 Film, Television, and Electronic Media (A.S.-T)
- 📖 Geology (A.A.-T)
- 📖 History (A.A.-T)
- 📖 Kinesiology (A.A.-T)
- 📖 Mathematics (A.S.-T)
- 📖 Music (A.A.-T)
- 📖 Political Science (A.A.-T)
- 📖 Psychology (A.A.-T)
- 📖 Sociology (A.A.-T)
- 📖 Studio Arts (A.A.-T)
- 📖 Theatre Arts (A.A.-T)

For up-to-date information on the Associate Degree for Transfer, contact a Yuba College counselor, the Yuba College Transfer Center, or visit www.icangotocollege.com/associate-degree-for-transfer.

California State University Transfer Course List (CSU) and Credit

Yuba College courses numbered 1 through 49 are CSU transferable. Courses are identified as "Transferable to CSU" in the "Programs and Courses" section of this catalog. A maximum of 70 semester (105 quarter) CSU transferable units earned at California community colleges may be transferred to the CSU. Community college coursework completed above the 70 units may be used to meet general education (GE), elective units, or major preparation requirements even if the units will not count toward the baccalaureate degree. Transfer credit is also granted to students who successfully complete equivalent courses at other regionally accredited colleges or universities.

CSU Transfer Admission Planner

CSU Transfer Admission Planner is a free online tool to help prospective CSU transfer students track and plan their coursework (www.calstate.edu/apply/transfer).

Students can use the Transfer Admission Planner to enter their coursework (completed and planned) from the very beginning of their college careers, or at any point when they decide to transfer to a CSU campus.

The planner helps students track their progress toward meeting CSU minimum admission requirements and allows CSU staff to communicate important information to prospective transfer students.

California General Education Transfer Curriculum (Cal-GETC)

See Appendix for Cal-GETC Document.

The Cal-GETC program allows California community college transfer students to fulfill lower division general education-breadth requirements for any CSU campus prior to transfer.

Students who complete Cal-GETC will be required to complete 9 semester units of upper division general education at the California State University.

Cal-GETC Notes:

- Additional courses may be added to the Yuba College Cal-GETC. An updated Yuba College Cal-GETC Requirement Sheet may be obtained from the Counseling Office, the Transfer Center webpage or www.assist.org.
- Catalog rights do not apply to Cal-GETC. Courses must be on the approved Cal-GETC list in the term in which the course is taken and at the college where the course is taken.
- Yuba College and Woodland Community College do not share Cal-GETC patterns. If taking a course in person or online at WCC, check to see what area it satisfies on WCC's pattern.
- Courses completed at other California Community Colleges will be applied to Cal-GETC according to how they were approved at the college and semester in which they were completed.
- Students majoring in Liberal Studies may be required to complete specific courses in each area of Cal-GETC.
- Advanced Placement (AP) examinations completed with a score of 3, 4, or 5 and International Baccalaureate (IB) High Level examinations with a score of 5, 6, or 7 may be applied to the Cal-GETC. College Level Examination Program (CLEP) examinations are not accepted for Cal-GETC credit. See "Advanced Placement/International Baccalaureate Examinations" in this catalog for information.
- A course completed with a grade of "P" (pass) may be used if the grading policy of the community college states that "P" is equivalent to a grade of "C" or better.
- Courses listed in more than one area may only be used once except for courses in the US History, Constitution, and American Ideals.
- Students who have not maintained continuous enrollment and thereby have lost the right to use the CSU GE-B or IGETC may apply the courses they completed with "C" grades or better that were on the approved IGETC list at the time taken for the college where taken to the same area on Cal-GETC.

U.S. History, Constitution, and American Ideals Graduation Requirement for CSU

To graduate from the California State University, a student must complete, with a "D" or better grade, a combination of courses which are identified as meeting the U.S. History, Constitution, and American

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Ideals requirements. Courses at Yuba College which meet this requirement include:

One course from History (HIST) C1001 (formerly 17A), C1002 (formerly 17B), 16A, 16B, or 29 combined with Political Science (POLS-C1000 (formerly POLSC-1)). These courses may also be used simultaneously to satisfy course requirements on the Cal-GETC.

Advanced Placement Exam (AP) United States History (score of 3 or higher) will satisfy the US History portion of this requirement. AP US Government and Politics (score of 3 or higher) will satisfy the national government requirement portion but NOT the California (state and local) portion requirement of Constitution and American Ideals. Students will need to complete POLSC 3-California Government.

Transfer to University of California (UC)

Students who have enrolled in college beyond the summer following their high school graduation are considered transfer students and must meet transfer admission requirements. The requirements described here represent minimum academic standards students must attain to be eligible for admission to the UC. Meeting the minimum eligibility requirements does not guarantee admission to the campus or program of choice, which often requires students meet more demanding transfer selection.

Lower Division Transfer Admission Requirements:

Students are eligible for admission with fewer than 60 UC transferable semester (90 quarter) units completed if they have met one of the two following options:

1. Students who were eligible for admission to the university upon graduation from high school, meaning that the Subject, Scholarship, and Examination Requirements were satisfied, or students were identified by the UC during their senior year in high school as eligible under the Eligibility in the Local Context (ELC) program and completed the Subject and Examination Requirements in the senior year, are eligible to transfer if they have a "C" (2.0) grade point average in their UC transferable college coursework.
2. Students who met the Scholarship Requirement but did not satisfy the Subject Requirement must take UC transferable college courses in the subjects they are missing, earn a grade of "C" (2.0) or better grade in each of these required courses and earn an overall "C" (2.0) average in all UC transferable college coursework to be eligible to transfer.

Upper Division Transfer Admission Requirements:

Students are eligible for admission with 60 or more UC transferable semester units (90 quarter units) if they fulfill both of the following criteria:

- Complete 60 semester units of UC transferable college credit with a grade point average of at least 2.4 (no more than 14 semester/21 quarter units may be taken Pass/Not Pass), and:
- Complete the following seven course pattern, earning a grade of "C" (2.0) or better in each course:
 - two UC transferable college courses (3 semester units each) in English composition
 - one UC transferable college course (3 semester units) in mathematical concepts and quantitative reasoning
 - four transferable college courses (3 semester units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, and the physical and biological sciences.

Students who satisfy the California General Education Transfer Curriculum (Cal-GETC) prior to transferring to UC will satisfy the seven course pattern of the upper division transfer admission requirements.

A maximum of 70 UC transferable semester units earned at community colleges may be transferred to the UC. Coursework completed above the 70 UC transferable semester units may be used to satisfy GE and

major preparation even though the units will not count toward the bachelor's degree.

UC Transfer Admission Planner (UC TAP)

UC TAP is a free online tool to help prospective UC transfer students track and plan their coursework.

(<https://uctap.universityofcalifornia.edu/students>)

The UC TAP tool is designed for use by students transferring from California community colleges, including those students who are seeking a Transfer Admission Guarantee (TAG) with one of the six participating UC campuses.

Students can use the Transfer Admission Planner to enter their coursework (completed and planned) from the very beginning of their college careers, or at any point when they decide to transfer to a UC campus.

The planner helps students track their progress toward meeting UC's minimum requirements and allows UC staff to communicate important information to prospective transfer students.

UC Transfer Admission Guarantee (TAG)

Yuba College participates in the Transfer Admission Guarantee admission program with UC Davis, UC Irvine, UC Merced, UC Riverside, UC Santa Barbara, and UC Santa Cruz. Specific requirements must be met for students to qualify for a transfer admission guarantee. See a counselor, Transfer Center, or the specific UC website for Transfer Admission Guarantee information.

University of California Transfer Course Agreement

Yuba College courses which have been approved for transfer to UC are specified as "Transferable to UC" in the "Programs and Courses" section of this catalog. This information may also be accessed on www.assist.org.

A small number of Yuba College courses are cross-referenced (the same course is listed in more than one area, department, or discipline) usually with the same course number. Credit can be earned only once for cross-referenced courses. See the individual course listings in the "Course Descriptions" section of the catalog.

Course/unit limitations:

- UC grants limited credit for multiple courses taken in one discipline; credit is also limited when certain courses are taken after other courses in one discipline. See www.assist.org for additional information.
- Independent studies, special studies, and variable topics courses may be accepted for UC credit; review of the scope and content of the course usually occurs after transfer.
- Credit for KINES activity courses is limited to 4 semester units; credit for ATHL theory courses is limited to 8 semester units.

University of California Transfer Opportunity Program with UC Davis

The Transfer Opportunity Program (TOP) is a collaboration between UC Davis and select Northern California community colleges, including Yuba College.

TOP coordinators from UC Davis Undergraduate Admissions regularly visit participating colleges to provide counseling to students on transfer admission to UC Davis, major preparation, general education, financial aid, housing, internships and other student services critical to academic success. Additionally, students participating in TOP will have opportunities to attend special academic and career seminars, tour the UCD campus, obtain evaluation of the UC Transfer Admission Planner

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and obtain assistance with guaranteed admission by completing a Transfer Admission Guarantee (TAG). Contact the Counseling Center to make an appointment with the UCD TOP Coordinator.

California Community Colleges' Transfer Agreement with Historically Black Colleges and Universities

California Community College students may participate in a statewide initiative that supports transfer opportunities to participating Historically Black Colleges and Universities (HBCUs).

By completing the Cal-GETC and obtaining a transfer-level associate degree (60 units) with a 2.5 or higher grade point average, students are guaranteed admission with junior standing to participating HBCU's.

Students may also opt to transfer with 30 or more University of California or California State University transferable units and a 2.5 or higher grade point average. Units will be accepted for general education, pre major or elective units.

For information on the HBCU Transfer Agreement, visit www.californiacommunitycollegehbcutransfer.com.

Transfer to Private/Independent and Out-of-State Colleges and Universities

Transfer requirements for private/independent and out-of-state colleges and universities vary by institution. Students should review the admission, general education, and major preparation requirements available on the institution's website and in the current catalog of the college or university to which they plan to transfer. The receiving institution determines how transfer credit will be applied. The Yuba College Transfer Center provides computers with internet access for students to review college websites and online catalogs. Students are encouraged to meet with a Yuba College counselor for assistance with transfer planning.

Yuba College Degrees and Certificates



Associate in Arts for Transfer and Associate in Science for Transfer Degrees

Yuba College offers both the Associate in Arts for Transfer and Associate in Science for Transfer. See page 40 and 41 for details about the degree requirements.

Associate in Arts and Associate in Science Degrees

Yuba College offers both the Associate in Arts (AA) and the Associate in Science (AS) degrees. Students planning to obtain an associate degree must complete all the required courses for a major, fulfill general education requirements, Health graduation requirement, and complete electives to meet a minimum of 60 degree total applicable units. Check with a counselor regarding requirements. These degrees are approved by Yuba College and the California Community College Chancellor's Office.

Certificates of Achievement, Training, Competency and Advancement

Certificate programs are designed to provide students a broad understanding of the occupational programs that the student wishes to enter upon completion of their courses. The Certificate of Achievement certifies that the student has completed all required courses in preparation to enter the designated career field on their certificate. Certificates of Achievement are approved by Yuba College and the California Community College Chancellor's Office. Certificates of Training and Advancement are typically programs with fewer than 18 units. These certificates are approved by Yuba College. Certificates of Competency are non-credit and are approved by Yuba College and the California Community College Chancellor's office.

Associates Degrees for Transfer

Requirements for the Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T): Community college students may complete an Associate in Arts for Transfer Degree (AA-T) or an Associate in Science for Transfer Degree (AS-T) for admission into the California State University (CSU) system for completion of a baccalaureate degree. Completion of an AA-T or AS-T Degree allows a student to complete an Associate Degree and CSU transfer requirements at the same time.

This option will allow a student to earn a 120 unit baccalaureate degree by completing 60 transferable units at the community college level and transferring to a CSU campus to complete an additional 60 units.

In order to earn an AA-T or AS-T Degree, a student must refer to the specific degree pattern in the "Programs and Courses" section of the catalog and complete the courses required in the major with a grade of "C" or better or "P" (Pass). In addition, a student must complete the California General Education Transfer Curriculum (Cal-GETC) with "C" or better grades. Additional transferable electives may be required to reach 60 CSU transferable units. A minimum cumulative 2.0 GPA is required.

Students earning an AA-T or AS-T degree online must apply for the degree on Yuba College's Self Service. Courses may be in progress at the time of application for the degree. The deadlines are as follows: Sept. 15 for fall completion of the degree; Feb. 15 for spring/summer completion of the degree. These dates are designed to meet California State University (CSU) deadlines for verifying eligibility for an AA-T or AS-T degree for CSU admission purposes.

Associate in Arts (A.A.) and Associate in Science (A.S.) Degrees

A student who wishes to receive an Associate degree should consult a Yuba College counselor. The counselor will assist the student in planning the courses required to satisfy the degree.

In order to receive a degree in one of the specific majors for the Associate in Arts or Associate in Science Degrees, a student is required to complete the specific courses listed with a grade of "C" or better. After successful completion of the specific major (and all other graduation requirements), the specific major for the degree will be printed on the diploma.

No courses required for the specific major may be waived. Equivalent course work may be substituted only with approval. The student should submit a petition to the Academic Integrity Committee. Petitions will be forwarded to the (division) Dean for recommendation of action.

A student may petition for only one "general education" degree. A student who is earning a degree in one of the specific majors may petition for the specific major in which all graduation requirements have been met.

Students earning an AA or AS degree must apply for the degree by completing a petition for graduation online. Courses may be in progress at the time of application for the degree. The deadlines are

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Yuba College Degrees and Certificates

ADMINISTRATION OF JUSTICE

DEGREES:

A.S.-T-Administration of Justice 
A.S.-Basic Police Academy
A.S.-Law Enforcement

CERTIFICATES OF ACHIEVEMENT:

Basic Police Academy
Reserve Officer Level I
Reserve Officer Level II
Specialized Investigators' Basic Course

AGRICULTURE

DEGREE:

A.S.-Agriculture
A.S.-Agriculture Technology

CERTIFICATE OF ACHIEVEMENT

Agricultural Technician

ART AND PHOTOGRAPHY

DEGREES:

A.A.-T.-Studio Arts 
A.A.-Art
A.S.-Commercial Art
A.S.-Photographic Imaging

CERTIFICATE OF ACHIEVEMENT:

Photographic Imaging

AUTOMOTIVE TECHNOLOGY

DEGREES:

A.S.-Automotive Technology
A.S.-Engine Performance/Drivability and Tune-Up

CERTIFICATES OF ACHIEVEMENT:

Automotive Drive Trains
Automotive Emission Technician
Automotive Service Technician
Automotive Technology
Engine Performance/Drivability and Tune-Up
Transportation Engine Repair and Machining

BIOLOGY

DEGREES:

A.S.-T-Biology 
A.S.-Biology
A.S.-Biology-Allied Health

BUSINESS AND ACCOUNTING

DEGREES:

A.S.-T-Business Administration 2.0 
A.S.-Accounting
A.S.-General Business Management
A.S.-Human Resources
A.S.-Personnel Management
A.S.-Small Business Management

CERTIFICATES OF ACHIEVEMENT:

Accounting
General Business Administrative Assistant
General Business - Business Computer Applications
General Business Management
Small Business Management

CHEMISTRY

DEGREES:

A.S.-T-Chemistry 
A.S.-Chemistry

COMMUNICATIONS STUDIES

(See SPEECH)

COMPUTER SCIENCE

DEGREES:

A.S.-T-Computer Science 
A.S.-Computer Science

CERTIFICATE OF ACHIEVEMENT:

Computer Science

CULINARY ARTS

DEGREES:

A.S.-Culinary Arts (Under review)

CERTIFICATE OF ACHIEVEMENT:

Culinary Arts (Under review)

EARLY CHILDHOOD EDUCATION

DEGREES:

A.S.-Early Childhood Education
A.S.-T-Early Childhood Education 
A.S.-T-Elementary Teacher Education 

CERTIFICATES OF ACHIEVEMENT:

Arts Specialization
Child Development Teacher
Children with Special Needs Specialization
Diversity in ECE Specialization
Infant and Toddler
Language and Literacy Specialization
School Age Children
Site Supervisor
Teacher/Family Relationships Specialization
Transitional Kindergarten and Early Education

CERTIFICATE OF TRAINING:

Child Development Associate Teacher

ECOLOGY

DEGREES:

A.S.-T-Environmental Science 

ECONOMICS

DEGREES:

A.A.-T-Economics 

ENGLISH

DEGREES:

A.A.-T-English 
A.A.-English

ENGLISH AS A SECOND LANGUAGE

CERTIFICATE OF ADVANCEMENT:

Academic Preparedness and Career Development

CERTIFICATES OF COMPETENCY:

Academic Preparedness and Career Development
Foundations of Literacy
Interpersonal Communication
Life Skills

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FILM, TELEVISION, AND ELECTRONIC MEDIA

DEGREES:

A.S.-T Film, Television, and Electronic Media
A.A.-Film, Television, and Electronic Media

CERTIFICATE OF ACHIEVEMENT:

Film, Television, and Electronic Media

FIRE TECHNOLOGY

DEGREES:

A.S.-Fire Technology
A.S.-Fire Fighter Academy

CERTIFICATES OF ACHIEVEMENT:

Fire Technology
Fire Fighter Academy I & II

GEOGRAPHY

CERTIFICATE OF ACHIEVEMENT:

Geographic Information Systems (GIS)

GENERAL EDUCATION

DEGREES:

A.A.-Arts and Humanities
A.S.-Natural Science
A.S.-Social and Behavioral Sciences

CERTIFICATE OF ACHIEVEMENT:

California General Education Transfer Curriculum (Cal-GETC)

GEOLOGY

DEGREE:

A.S.-T.-Geology 

HISTORY

DEGREES:

A.A.-T-History 
A.A.-History

HUMAN SERVICES

DEGREE:

A.S.-Chemical Dependency Counselor

CERTIFICATE OF ACHIEVEMENT:

Chemical Dependency Counselor

KINESIOLOGY

DEGREES:

A.A.-T-Kinesiology 
A.A.-Kinesiology

MANUFACTURING TECHNOLOGY/MACHINING

DEGREE:

A.S.-Manufacturing Technology/
Machining

CERTIFICATE OF ACHIEVEMENT:

Manufacturing Technology/Machining

MATHEMATICS

DEGREES:

A.S.-T-Mathematics 
A.S.-Mathematics

MUSIC

DEGREES:

A.A.-T-Music 
A.A.-Music

NATURAL RESOURCES

CERTIFICATES OF ACHIEVEMENT:

Field Technician-Watershed Management
Soil Conservation Technician

NURSING

DEGREES:

A.S.-Associate in Science Nursing (ASN)
A.S.-LVN to RN Career Mobility Program

CERTIFICATE OF ACHIEVEMENT:

LVN To RN (30-Unit Option)
LVN to RN ONLY Options (30 Unit Option)

POLITICAL SCIENCE

DEGREE:

A.A.-T-Political Science 

PSYCHIATRIC TECHNOLOGY

CERTIFICATE OF ACHIEVEMENT:

Psychiatric Technician

PSYCHOLOGY

DEGREES:

A.A.-T-Psychology 
A.A.-Psychology with a Focus on
Social Services

RADIOLOGIC TECHNOLOGY

DEGREE:

A.S.-Radiologic Technology

SOCIAL SCIENCE

DEGREE:

A.A.-Social Science

SOCIOLOGY

DEGREE:

A.A.-T-Sociology 

SPEECH

DEGREES:

A.A.-T-Communication Studies 2.0 
A.S.-Communication Studies

THEATRE ARTS

DEGREES:

A.A.-T-Theatre Arts 
A.A.-Theatre Arts

VETERINARY TECHNOLOGY

DEGREE:

A.S.-Veterinary Technology

CERTIFICATE OF ACHIEVEMENT:

Veterinary Assistant and Animal Care

WELDING

DEGREE:

A.S.-Welding Technologies

CERTIFICATES OF ACHIEVEMENT:

Advanced Welding Technologies
Fabrication and Manufacturing Methods
Introductory Welding Technologies

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as follows: Nov. 15 for fall completion of the degree; April 15 for spring completion of the degree; July 1 for summer completion of the AA/AS degree. Students wishing to participate in commencement ceremonies who are graduating in summer must petition by April 15.

Commencement

Yuba College holds a graduation ceremony once a year (end of Spring term) and students who wish to have their name to appear in the graduation program must submit the **online graduation petition by April 15**. Students completing a degree the prior fall semester may participate in graduation ceremonies the following spring. Students completing a degree in summer may participate in graduation ceremonies the previous spring or subsequent spring. These students who decide to participate in the prior spring must submit their petition to graduate early by April 15 to have their name in the graduation program.

Certificate of Achievement

Courses taken to satisfy requirements for a Certificate of Achievement provide a core set of courses in an occupational area and usually some additional related classes. This goal requires more time and commitment than a Certificate of Training but better qualifies the student for employment. The Certificate of Achievement requires 12 or more units and may be completed in one to two years. Certificates of Achievement are printed on the student's transcript.

NOTE: Per YCCD AP 4100, to earn a Certificate of Achievement, student must have a minimum 2.0 GPA and complete at least three (3) semester units at Yuba College.

Certificate of Training

Each department is authorized to recommend short-term training program options and students are encouraged to plan and pursue short-term occupational goals. Certificates of Training are less than 18 units in length. Some certificates can be completed in as little time as one semester; others may require a longer period depending on the frequency of course offerings or the student's time commitment. **NOTE:** All courses required for the certificate must be completed with a "C" or better grade.

Certificates of Training are not listed on the student transcript.

Applying for Certificate of Achievement (CA) or for Certificate of Training (CT)

Students earning a Certificate of Achievement (CA) must apply for the certificate by completing a petition for graduation. Courses may be in progress at the time of application for a certificate. The deadlines are as follows: Nov. 15 for fall completion of the certificate; April 15 for spring completion of the certificate; July 1 for summer completion of the certificate. To apply for a Certificate of Training (CT), students must reach out to the specific department awarding the Certificate of Training.

Course Information

Admission to Courses

OPEN ENROLLMENT POLICY

All courses, regardless of where offered, are open to members of the public who are otherwise eligible for admission, with the following exceptions:

- Courses that are specifically exempted by statute, including "impacted" programs (Radiologic Technology, Veterinary Technology, Associate Degree Nursing, Psychiatric Technician, etc.);
- Courses closed by maximum enrollment of students by the "priority registration" or "first come, first served" registration policies;
- Courses with academic requisites (prerequisites and corequisites) that restrict enrollment of academically unqualified students; and
- Courses with content that would be a repeat of a course of equivalent or more advanced course work previously taken by the student (exceptions require counselor evaluation and approval).

PREREQUISITES AND COREQUISITES

"Prerequisite" means the preparation or previous course work considered necessary for success in the course. Prerequisites are required only for courses where specific academic background is necessary in order to assure students a reasonable chance of success in the course. Prerequisites which are listed as "required" include:

- Courses for which specific prerequisites have been validated,
- Sequential course work in a degree or program, or
- Courses in which a prerequisite is necessary for transfer to a four-year college.

Responsibility for having met the prerequisite rests with the student. A grade of "C" or better is required to meet a course prerequisite.

"Corequisites" for a course are those courses in which a student may enroll prior to enrolling in the target course or simultaneously with the target course. Corequisites provide the necessary skill or supplementary body of knowledge or laboratory time during the course to help assure success in the course.

For additional information, refer to the Academic Regulations and Information, Prerequisites and Corequisites on page 36.

C-ID Course Identification Numbering System

C-ID is a supplemental common course numbering system aimed at helping students and faculty identify courses across CCC's and CSU's that fulfill associate or baccalaureate degree requirements. C-id.net reports include designations for approved courses.

C-ID designations can be used in two ways:

1. When a community college course has a C-ID designation, such as C-ID HIST 130, that course can be used in place of any other California community college course that has that same C-ID designation for the purpose of fulfilling associate degree and associate degree for transfer major requirements.
2. Additionally, universities can indicate C-ID designations accepted for lower division major preparation requirements. For example, a university can indicate for its history major that C-ID HIST 130 fulfills a particular major preparation requirement, so any California community college course with the C-ID HIST 130 designation will be accepted to fulfill that requirement. Yuba College courses

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approved for C-ID include the C-ID designation below the transfer status in the course description.

Common Course Numbering

Common Course Numbering (CCN) is a state-mandated initiative (AB 1111) aimed at simplifying transfer and ensuring uniformity in course numbers across California Community Colleges. Courses identified as common will feature a "C" in front of the course number. See Appendix for further information.

Key to Numbers and Listings

Content and policies expressed in this Catalog are believed to be true and correct as of the date of publication. Courses are listed alphabetically by department and numerically within the listing of each department. units of credit are shown immediately following the course title.

Any course listed in this Catalog may be offered in the fall, spring and summer session including day and evening, distance education and any location associated with Yuba College. Scheduling and cancellation of classes is at the discretion of Yuba College.

Students should consult the Schedule of Classes to determine which courses will be offered during a given semester. Any course listed in the Schedule of Classes may be canceled when the enrollment is insufficient to justify offering the class or instructor is not available.

Course "97"

Refer to page 88.

Course Numbering

JULY 1, 1974 TO JUNE 30, 1989:

1-49	Designed as courses intended to carry transfer credits to all baccalaureate degree-granting colleges and universities.
50-99	Not primarily designed for transfer purposes, but taught at the level and of such quality that acceptance is recommended at any college or university offering such course work or offering program in which such course would will be appropriate.
100-199 Series:	Developmental/Remedial.
200-299 Series:	Primarily designed at the technical level; usually will be courses specifically designed as part of a program(s) leading directly to employment. Under special circumstances, a Baccalaureate degree-granting institution may wish to accept such courses for transfer credit.

JULY 1, 1983 TO JUNE 30, 1989:

A maximum of 6 semester units of courses numbered 100 to 199 can be counted toward the associate degree.

CURRENT COURSE NUMBERING DEFINITIONS:

1-49 Series:	Designed as Admissions List courses intended to carry transfer credit to all baccalaureate degree granting colleges and universities. YC Associate Degree applicable
50-99 Series:	Transfer credit is at the discretion of the institution to which the student transfers. Not primarily designed for transfer purposes, but taught at the level and of such quality that acceptance is recommended at any college or university offering such course work or offering programs in which such course work will be

appropriate. YC Associate Degree applicable

100-199 Series:	Non-associate degree credit basic skills courses intended to prepare students to succeed in courses at the associate degree level.
200-299 Series:	Non-associate degree credit courses that are either, (1) vocational courses intended to prepare students for postsecondary vocational education or for occupations not requiring associate degree level skills for entry or, (2) academic development courses, other than basic skills, intended to prepare students to succeed in associate degree level course work.
C1000-C2999	Common Course Numbers (CCN) Courses are transferable to California Community Colleges, California State Universities, and University of California.
500 Series:	Noncredit courses sometimes referred to as "Adult Education Courses."

Repeatable Classes

1. Courses for which repetition is necessary to meet the major requirements of California State University (CSU) or University of California (UC) for completion of a bachelor's degree. The District will retain supporting documentation that verifies that the repetition is necessary to meet the major requirements as a Class 3 record basic to audit.
2. Intercollegiate athletics where enrollment in the course is limited to no more than four times.
3. Intercollegiate academic or vocational competition courses where enrollment in the course is limited to no more than four times. This limitation applies even if the student receives a substandard grade or "W" during one or more of the enrollments.

These courses are identified as repeatable courses in the college catalog and schedule of classes following the course description. For these courses, the grade received each time is calculated in the student's grade point average, except if the course is repeated pursuant to another section of this procedure.

Transfer Status Designation

As indicated previously, the course number system is a guide to course transferability. In addition, the status of a transfer course is indicated next to the course title. If the course is transferable, the designator "Transferable" appears. "Transferable to: CSU" indicates that the course credit transfers to all of the California State Universities. "Transferable to: CSU; UC" indicates that the course credit transfers to all of the California State Universities and all of the University of California campuses. If the designator "unit limitation" appears (i.e., Transferable to: CSU; UC unit limitation), the transferability of the units to the University of California are limited in some way when combined with other courses in the discipline. Questions concerning these courses should be directed to a counselor.

Unit of Credit

The unit of credit is the semester hour. One unit of credit is granted for each hour of lecture or discussion, two-to-three hours of laboratory, or two hours of activity per week, for a 18-week semester. For most courses, students will be expected to spend a minimum of two hours out of class in preparation or study for each unit of credit.

Credit is allowed only upon satisfactory completion of a course; no partial units of credit are allowed when the student withdraws prior to completion of the course except in open-entry, open-exit, courses.

2 PROGRAMS & COURSES



Yuba
College

Accounting

(See BUSINESS)

Administration of Justice

Administration of Justice offers academy, degree, and certificate programs designed for entry into law enforcement, corrections, and related fields, and for already employed persons to further themselves academically and vocationally.

Yuba College offers:

- Academies for direct entry into employment. All academies and in-service training are P.O.S.T. and/or S.T.C. certified, meeting California State regulations for law enforcement.
- An Associate in Science Degree Program for students planning to enter law enforcement, corrections, or a related area after two years of course work (see specific degree requirements).
- A Transfer Program intended for students wishing to pursue a bachelor's degree.
- Inservice programs providing specific courses suited to the individual needs of those currently employed by a criminal justice agency.

Administration of Justice and Corrections Programs

Upon successful completion of the required training program, an individual will receive P.O.S.T. (Peace Officer Standards and Training) and/or S.T.C. (Standards of Training for Corrections) certification. Rosters are submitted to these State agencies which include individual names, agency affiliation (if applicable), hours of training, and State-issued control numbers to verify law enforcement certified topics and dates of completion. A course can be certified with 9 to 880 hours of training. Both State agencies require CPT (Continued Professional Training) every two years for P.O.S.T. and annually for S.T.C. for anyone working in a law enforcement environment.

Academies

Employment in law enforcement or corrections usually requires completion of a related academy. Yuba College offers a variety of academies each year:

Students are encouraged to contact the Administration of Justice Department Office at Yuba College for current information regarding academy enrollment or employment requirements or for additional information about the courses and programs.

ADMINISTRATION OF JUSTICE ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate of Science in Administration of Justice for Transfer degree prepares students for upper division coursework for a bachelor's degree in criminal justice. By design of curriculum, students will be able to describe the individual functions and components of the modern criminal justice system; use technology concepts of legal research to locate, and discuss the content of statutory and case law; analyze criminology factors that contribute to the cause of criminal behavior, reoccurrence of recidivism, and strategies and practices established for the control of crime. In addition, this program encompasses ethical practices, standards and expectations within the entire criminal justice system.

Proper selection of curriculum electives further allows students to study other academic disciplines, such as chemistry or biology, psychology, sociology, public administration and computer science. For example, if you have an interest in forensic anthropology, you may choose chemistry or biology as important electives to consider.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Effectively use language and non-verbal communication consistent with and appropriate for application in the Criminal Justice System through classroom discussion, exercises and written assignments.
2. Demonstrate respect and acceptance for differing opinions, feelings and values of others through the development of listening skills that promote ethical and equitable application of Criminal Law through classroom discussion, exercises and written assignments.
3. Evaluate and analyze information when addressing issues within the criminal justice system, draw reasonable conclusions that encompass criminal law, social expectation and ethical standards through classroom discussion exercises and written assignments.

REQUIRED COURSES

	UNITS
AJ 10 Introduction to Criminal Justice System	3
AJ 11 Criminal Law	3

List A - Select 6 units from the following:

AJ 13 Evidence.....	3
AJ 14 Criminal Justice Process	3
AJ 15 Criminal Investigation	3
AJ 19 Multicultural Communities and the Justice System	3
AJ 20 Juvenile Law and Procedures	3
AJ 30 Introduction to Corrections	3

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List B - Select 6-7 units from the following:

Any List A course not already used

PSYC C1000	Introduction to Psychology	3
SOCIL 1	Introduction to Sociology	3
STAT C1000	Introduction to Statistics OR	4
PSYCH 6	Introduction to Statistics in Social and Behavioral Sciences ..	4
AJ 31	Criminal and Delinquent Behavioral OR	3
AJ 16	Police Operations	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18-19

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC. All courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

BASIC POLICE ACADEMY

ASSOCIATE IN SCIENCE

The purpose of the Administration of Justice program is to provide students with a comprehensive introduction to the field of law enforcement, corrections, special investigations, and other public safety related fields. The program offers Associate Degrees, Academies, and Continuing Education/Professional Development courses. The program serves students pursuing a transfer degree, students seeking entry level employment following completion of a state certified academy, and students currently employed who need additional training to stay current and to qualify for promotional opportunities in their field of employment. The Administration of Justice Program operates with the cooperation and participation of local criminal justice agencies. All instructors in the program have experience in the criminal justice field. The instructors and staff are committed to preparing students for academic success and providing relevant training and education for students and employers in the community. For the most part, program academies and certified courses are required by state law for entry-level employment in law enforcement, corrections, and public safety related fields. The AJ program fills an essential training need in maintaining a professional partnership with state agencies such as the California Commission on Peace Officer Standards and Training (POST) and the Board of State and Community Corrections. (BSCC - STC) In addition to the mandated entry-level training certifications, the State of California also requires regular updated or professional development/in-service training for employees working in the public safety sector.

Students who complete this program should be able to:

1. Demonstrate an understanding of local, state, and federal criminal justice agencies, describe their organizational structure, and recognize the role of each agency within the criminal justice system.
2. Demonstrate knowledge and understanding of the criminal justice process; the sequential order of criminal proceedings, and the role of each subsystem within the criminal justice system.
3. Be able to describe law enforcement's responsibilities to the community, factors in crime causation, the social implications of crime and communication barriers between the system and the community.
4. Demonstrate the ability to recognize criminal behavior and be able to identify and apply the appropriate legal action, demonstrating sound judgment based upon a deductive and/or inductive analysis.
5. Demonstrate the ability to correctly analyze relevant legal issues as outlined in published judicial opinions; identifying the main issue(s) and determining the effect of the court's decision.
6. Demonstrate an understanding of the protections provided by the US and the California Constitution against unreasonable searches and seizures of people, houses and personal property.
7. Demonstrate the ability to identify and apply the key elements for developing trust between community partners, including: truth,

respect, understanding, support, and teamwork.

8. Demonstrate an understanding of the need for respect and the acceptance of differing opinions, feelings, and values of others through the development of listening skills that promote ethical and equitable application of criminal law.
9. Demonstrate the ability to effectively use oral, written and non-verbal communication appropriate for application in the law enforcement field through classroom discussion, exercises and written assignments.

REQUIRED COURSES**UNITS**

AJ 50	Regular Basic Police Academy Modular Format - Module III	8
AJ 51	Regular Basic Police Academy Modular Format - Module II	13
AJ 52	Regular Basic Police Academy Modular Format - Module I	16.5

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 37.5

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements. In addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Basic Police Academy majors are waived the health graduation requirement. Please see your counselor for additional information.

LAW ENFORCEMENT

ASSOCIATE IN SCIENCE

The purpose of the Administration of Justice program is to provide students with a comprehensive introduction to the field of law enforcement, corrections, special investigations, and other public safety related fields.

The program offers Associate Degrees, Academies, and Continuing Education/Professional Development courses. The program serves students pursuing a transfer degree, students seeking entry level employment following completion of a state certified academy, and students currently employed who need additional training to stay current and to qualify for promotional opportunities in their field of employment.

The Administration of Justice Program operates with the cooperation and participation of local criminal justice agencies. All instructors in the program have experience in the criminal justice field. The instructors and staff are committed to preparing students for academic success and providing relevant training and education for students and employers in the community.

For the most part, program academies and certified courses are required by state law for entry-level employment in law enforcement, corrections, and public safety related fields. The AJ program fills an essential training need in maintaining a professional partnership with state agencies such as the California Commission on Peace Officer Standards and Training (POST) and the Board of State and Community Corrections. (BSCC - STC) In addition to the mandated entry level training certifications, the State of California also requires regular updated or professional development/in-service training for employees working in the public safety sector.

Students who complete this program should be able to:

1. Effectively use language and non-verbal communication appropriate for application in the Criminal Justice System through classroom discussion, exercises and written assignments.
2. Demonstrate respect and acceptance for differing opinions, feelings, and values of others through the development of listening skills that promote ethical and equitable application of Criminal Law.
3. Identify and apply the key elements for developing trust between community partners, including: truth, respect, understanding, support, and teamwork.

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- Articulate the differences between the major criminological theories of the causes of crime and how those theories relate to policies toward crime and criminal behavior.
- Demonstrate knowledge and understanding of the criminal justice process; the sequential order of criminal proceedings, and the role of each subsystem within the criminal justice system.
- Demonstrate an understanding of the American Criminal Justice system and the scope of responsibilities of the various local, state, and federal law enforcement agencies.
- Recognize criminal behavior and be able to identify and apply the appropriate legal statutes, demonstrating sound judgment based upon a deductive and/or inductive analysis.
- Describe the systems responsibilities to the community, factors in crime causation, the social implications of crime and communication barriers between the system and the community.
- Demonstrate knowledge of the rules of evidence, legal definitions, and concepts of evidentiary law; apply basic investigative proficiencies.
- Analyze and interpret relevant legal issues as outlined in published judicial opinions and Constitutional Law; identifying the main issue(s) and determining the effect of the courts ruling on the admissibility of evidence.
- Understand the concepts of equity, diversity, inclusion as they apply to the criminal justice system.

REQUIRED COURSES	UNITS
AJ 10 Introduction to Criminal Justice System	3
AJ 11 Criminal Law	3
AJ 13 Evidence	3
AJ 14 Criminal Justice Process	3
AJ 15 Criminal Investigation	3
AJ 19 Multicultural Communities and the Justice System	3
AJ 78 Investigative Report Writing for the Public Safety Professional	3

Complete 3 units from the following:

AJ 16 Police Operations	3
AJ 20 Juvenile Law and Procedures	3
AJ 30 Introduction To Corrections	3
AJ 31 Criminal and Delinquent Behavior	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 24

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional graduation information.

BASIC POLICE ACADEMY

CERTIFICATE OF ACHIEVEMENT

The purpose of the Basic Police Academy Program is to provide students with a comprehensive training program to prepare them for a career in law enforcement. Student will complete the Modular Academy which is comprised of Module III (AJ 50), Module II (AJ 51), and Module I (AJ 52). These courses are presented during the week in the evenings, and on the weekends. These modules are certified by California Police Officers Standards and Training (POST) and contain 42 distinct learning domains which cover a variety of topics that are also found in the Yuba College semester classes.

Students who complete this program should be able to:

- Describe law enforcement's responsibilities to the community, factors in crime causation, the social implications of crime and communication barriers between the system and the community.
- Demonstrate an understanding of local, state, and federal criminal justice agencies, describe their organizational structure, and

recognize the role of each agency within the criminal justice system.

- Demonstrate an understanding of the need for respect and the acceptance of differing opinions, feelings, and values of others through the development of listening skills that promote ethical and equitable application of criminal law.
- Demonstrate an understanding of the protections provided by the US and the California Constitution against unreasonable searches and seizures of people, houses and personal property.
- Demonstrate knowledge and understanding of the criminal justice process; the sequential order of criminal proceedings, and the role of each subsystem within the criminal justice system.
- Demonstrate the ability to correctly analyze relevant legal issues as outlined in published judicial opinions; identifying the main issue(s) and determining the effect of the court's decision.
- Demonstrate the ability to effectively use oral, written and non-verbal communication appropriate for application in the law enforcement field through classroom discussion, exercises and written assignments.
- Demonstrate the ability to identify and apply the key elements for developing trust between community partners, including: truth, respect, understanding, support, and teamwork.
- Demonstrate the ability to recognize criminal behavior and be able to identify and apply the appropriate legal action, demonstrating sound judgment based upon a deductive and/or inductive analysis.

REQUIRED COURSES	UNITS
AJ 50 Regular Basic Police Academy Modular Format- Module III	8
AJ 51 Regular Basic Police Academy Modular Format- Module II	10.5
AJ 52 Regular Basic Police Academy Modular Format- Module I	16.5

TOTAL UNITS REQUIRED FOR CERTIFICATE 35

RESERVE OFFICER LEVEL I

CERTIFICATE OF ACHIEVEMENT

The purpose of the Reserve Officer Level I program is to provide students with the third and final training module of the Modular Police Academy. Students who complete the Reserve Officer Level I program earn their Basic Certificate, qualifying them for full-time employment as a peace officer in the State of California. Students who complete the program also earn a certificate that qualifies them to work in the capacity of a Level I Reserve Police Officer in the State of California. All instructors in the course have experience in the field of criminal justice. The instructors and staff are committed to preparing students for success in the field of law enforcement and providing relevant training and education for students and employers in the community. The completion of this program is part of the requirement of the State of California for full-time entry-level employment in law enforcement, or for employment as a Level I Reserve Peace Officer and fulfills specific training requirements for California Peace Officer Standards and Training (POST).

Students who complete this program should be able to:

- Apply criminology and criminal justice theories, principles and concepts to address real-life situations in the field.
- Demonstrate an understanding of local, state, and federal criminal justice agencies, describe their organizational structure, and recognize the role of each agency within the criminal justice system.
- Describe law enforcement's responsibilities to the community, factors in crime causation, the social implication of crime and communication barriers between the system and the community.
- Demonstrate the ability to recognize criminal behavior and be able

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to identify and apply the appropriate legal action, demonstrating sound judgment based upon a deductive and/or inductive analysis.

5. Demonstrate an understanding of the protections provided by the US and the California Constitution against unreasonable searches and seizure of people, houses and personal property.
6. Demonstrate an understanding of the need for respect and the acceptance of differing opinions, feelings, and values of others through the development of listening skills that promote ethical and equitable application of criminal law.
7. Demonstrate the ability to effectively use oral, written and non-verbal communication appropriate for application in the law enforcement field through classroom discussion, exercises and written assignments.

REQUIRED COURSES	UNITS
AJ 52 Regular Basic Police Academy Modular Format- Module I	16.5
TOTAL UNITS REQUIRED FOR CERTIFICATE	16.5

RESERVE OFFICER LEVEL II

CERTIFICATE OF ACHIEVEMENT

The purpose of the Reserve Officer Level II program is to continue the student's comprehensive introduction to law enforcement, and to provide students with a Level II Reserve Officer certificate that would allow them to seek entry level employment as a Level II Reserve Peace Officer. Students who complete the Reserve Officer Level II program also qualify to attend the Reserve Officer Level I program, which is the final step in earning a Basic Police Academy Certificate. This program is part of a career path that serves students seeking entry level employment in law enforcement and is part of the process of the students completing a state certified Police Academy through a modular format. The program operates with the cooperation and participation of local criminal justice agencies. All instructors in the program have experience in the criminal justice field. The instructors and staff are committed to preparing students for academic success and providing relevant training and education for students and employers in the community. This certificate program is certified by the California Peace Officer Standards and Training (POST), and the training is required for entry-level employment in law enforcement.

Students who complete this program should be able to:

1. Recognize the importance and practice of legal and ethical behaviors in a professional criminal justice work setting
2. Identify proper duties of a peace officer providing back-up responsibilities to full-time officers.
3. Properly identify critical information needed to determine the correct course of action to take in a variety of law enforcement situations.
4. Properly identify the elements of several criminal statutes, and determine the proper steps to take in investigating those crimes.
5. Properly assess resistive behavior and identify the proper action for law enforcement to take to handle the situation with full regard for the safety of all involved parties.
6. Properly complete basic paperwork associated with back-up officer responsibilities, to include supplemental police reports and miscellaneous report attachments.

REQUIRED COURSES	UNITS
AJ 51 Regular Basic Police Academy Modular Format- Module II	10.5
TOTAL UNITS REQUIRED FOR CERTIFICATE	10.5

SPECIALIZED INVESTIGATORS' BASIC COURSE

CERTIFICATE OF ACHIEVEMENT

This course meets the POST training requirements outlined in Commission Regulation 1005 for various California Specialized Investigators, including those serving the State of California, as well as investigators involved in Welfare, Welfare Fraud, Social Services, Human Services, and designated personnel from the District Attorney's office. The curriculum is designed to equip students with the necessary skills for investigative roles, emphasizing practical experience through a variety of training methods. Participants will engage in weapons training, role-playing scenarios, techniques for arrest and control, case management strategies, and surveillance practices, all aimed at enhancing their readiness for real-world investigative challenges.

Students who complete this program should be able to:

1. Recognize the importance and practice of legal and ethical behaviors in a professional criminal justice work setting
2. Properly identify critical information needed to determine the correct course of action to take in a variety of law enforcement situations.
3. Properly identify the elements of several criminal statutes, and determine the proper steps to take in investigating those crime
4. Properly assess resistive behavior and identify the proper action for law enforcement to take to handle the situation with full regard for the safety of all involved parties.
5. Properly complete basic paperwork associated with back-up officer responsibilities, to include supplemental police reports and miscellaneous report attachments.

REQUIRED COURSES	UNITS
AJ 55 Specialized Investigators' Basic Course	27.5
TOTAL UNITS REQUIRED FOR CERTIFICATE	27.5

COURSES

AJ-10	3 UNITS
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Introduction to Criminal Justice System

TRANSFERABLE TO CSU AND UC
C-ID: AJ 110
54 LECTURE HOURS

Overview of the history and philosophy of the U.S. justice system; study of the modern criminal justice system and its components, law enforcement, courts, and corrections; identifying the roles of the various professionals within the system and their interrelationships; analysis of legal issues; study of theories of crime causation, punishment, and rehabilitation.

AJ-11	3 UNITS
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Criminal Law

TRANSFERABLE TO CSU AND UC
C-ID: AJ 120
54 LECTURE HOURS

This course provides an analysis of the history, philosophy, and constitutional provisions of criminal law in the United States; study of common law, statutory law, and case law applicable to law enforcement, including exploration of crimes against persons, property, public peace, narcotics, and dangerous weapons. Special emphasis is placed on the classification of crime, the general elements of crime,

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and the definitions of common and statutory law. This course also includes information on prosecution and defense procedure, including criminal defenses, legal justifications, and burdens of proof. This course utilizes case law and case studies to introduce students to criminal law.

AJ-13 **3 UNITS**

Evidence

TRANSFERABLE TO CSU

C-ID: AJ 124

54 LECTURE HOURS

This course examines categories of evidence and legal rules governing its admission and exclusion in the criminal process; the origin and development of evidentiary law; and the study of both codified evidentiary law and applicable court decisions. Specific topics include, types of evidence, the judicial process, the admission and exclusion of evidence, legal standards of proof, direct and circumstantial evidence, testimonial evidence and witness competency, the hearsay rule and its exceptions, demonstrative evidence, judicial notice, and issues relating to search and seizure.

AJ-14 **3 UNITS**

Criminal Justice Process

TRANSFERABLE TO CSU

C-ID: AJ 122

54 LECTURE HOURS

Analysis of legal processes from pre-arrest through trial and appeal, sentencing, and corrections procedures utilizing statutory law and state and constitutional law precedents.

AJ-15 **3 UNITS**

Criminal Investigation

TRANSFERABLE TO CSU

C-ID: AJ 140

54 LECTURE HOURS

Explores procedures and concepts as applied to criminal investigations, including surveillance; crime scene response management; and identification, collection, and processing of physical evidence. Covers U.S. Constitution and Statutory/Case Law; interview/interrogation processes and techniques; identifying information sources; procuring search warrants; serving search warrants; exceptions to the search warrant rule; and court processes. Emphasis is placed on developing the student's capacity to analyze specific situations and identify sound ethical investigative procedures.

AJ-16 **3 UNITS**

Police Operations

TRANSFERABLE TO CSU

54 LECTURE HOURS

Philosophy, functions, organization, duties, and analysis of police operational functions, including community policing, traffic, and public service responsibilities and special police problems.

AJ 18 **3 UNITS**

Introduction to Public Safety Dispatch

TRANSFERABLE TO CSU

54 LECTURE HOURS

This course provides an overview of the critical roles and responsibilities that Public Safety Dispatchers possess as the first point of contact for coordinating emergency responses; exploration of advancements in telecommunications and emergency notification systems; use of proper radio codes and crisis-intervention techniques while communicating with distraught callers; awareness of job requirements and hiring processes for career pathways in Public Safety Dispatching.

AJ-19 **3 UNITS**

Multicultural Communities and the Justice System

TRANSFERABLE TO CSU AND UC

C-ID: AJ 160

54 LECTURE HOURS

Examines the complex relationship between multicultural communities and the criminal justice system, analyzing cultural differences and strategies to effectively address crime related issues. Addresses potential societal barriers involving race, ethnicity, gender, religion, sexual orientation, age, social class, culture and evolution of the law enforcement profession in understanding how relationships are developed, maintained and changed to meet ethnic and minority group needs. Additional topics include multicultural representation in law enforcement, cross-cultural communication, community policing, and restorative justice principles.

AJ-20 **3 UNITS**

Juvenile Law and Procedures

TRANSFERABLE TO CSU

C-ID: AJ 220

54 LECTURE HOURS

This course is an examination of the origin, development, and organization of the Juvenile Justice system as it evolved in the American Justice system. The course explores the theories that focus on Juvenile law, courts and processes and the constitutional protections extended to juveniles administered in the American Justice system; organization, function, and jurisdiction of juvenile agencies; processing and detention of juveniles; juvenile case disposition; legal statutes, and court procedures.

AJ-30 **3 UNITS**

Introduction To Corrections

TRANSFERABLE TO CSU

C-ID: AJ 200

54 LECTURE HOURS

This course provides a history of and critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment on the Criminal Justice System, corrections, a critical examination of the types of correctional institutions and the clients housed in each institution, and an examination of contemporary correctional issues.

AJ-31 **3 UNITS**

Criminal and Delinquent Behavior

TRANSFERABLE TO CSU

54 LECTURE HOURS

An introduction to the study of criminology and crime causation; explores the causes of crime and delinquency by analyzing various social, psychological, and cultural factors. This course introduces the student to the major types of criminal behavior, patterns of career offenders, and factors which contribute to the production of criminality and delinquency.

AJ-50 **8 UNITS**

Regular Basic Police Academy Modular Format- Module III

130 LECTURE HOURS

58 LAB HOURS

The Basic Course- Modular Format is delivered in a three-level instructional sequence. Successful completion of the Module III, Module II, and the Module I modules constitutes satisfaction of the Basic Course training requirements for peace officer in the State of California.

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Entrance Requirement(s): DOJ Fingerprint, Medical History and Medical Clearance; Admission through Administration of Justice application process.

AJ-51 **10.5 UNITS**

Regular Basic Police Academy Modular Format- Module II

156 LECTURE HOURS
112 LAB HOURS

The Basic Course-Modular Format is delivered in a three-level instructional sequence. Successful completion of the Module III, II, and I modules constitutes satisfaction of the Basic Course training requirements for peace officer in the State of California.

Prerequisite(s): AJ-50

Entrance Requirement(s): DOJ Fingerprint, Medical History and Medical Clearance; Admission through Administration of Justice application process.

AJ-52 **16.5 UNITS**

Regular Basic Police Academy Modular Format- Module I

237 LECTURE HOURS
184 LAB HOURS

Basic training for California Peace Officer. The Basic Course- Modular Format is delivered in a three-level instructional sequence. Successful completion of the Module III, II, and I modules constitutes satisfaction of the Basic Course training requirements for peace officer in the State of California.

Prerequisite(s): AJ-51

Entrance Requirement(s): DOJ Fingerprint, Medical History and Medical Clearance; Admission through Administration of Justice application process.

AJ-53 **6.5 UNITS**

POST Requalification Course

96 LECTURE HOURS
64 LAB HOURS

This course fulfills the POST training requirements for students seeking to extend their POST law enforcement certification. It is designed for students who have successfully completed a POST-certified Regular or Specialized Investigators' Basic Course, the Basic Course Waiver (BCW) process, or have three-year or longer break in qualifying employment from a California law enforcement employer for which the position required completion of the Regular Basic Course (RBC) or Specialized Investigators' Basic Course (SIBC) training.

Entrance Requirement(s): Student must have completed a police academy in California or in another state prior to taking this course. DOJ Fingerprint, Medical History, and Medical Clearance; Admission through Administration of Justice application process.

AJ-54A **1.5 UNITS**

Peace Officer Orientation

33 LECTURE HOURS
7 LAB HOURS

This course covers 832p.c.: Laws of Arrest, search and seizure, communications, arrest and control techniques. Meets Peace Officer Standards and Training (P.O.S.T.) and Standards and Training for Corrections Program (S.T.C.).

AJ-54B **0.5 UNITS**

Peace Officer Orientation-Firearms

14 LECTURE HOURS
10 LAB HOURS

This course covers 832 p.c.: Firearms Training. Meets Peace Officer Standards and Training (P.O.S.T.) and Standards and Training for Corrections Program (S.T.C.). Recommended course for students taking the correctional officer core course.

Entrance Requirement(s): DOJ Fingerprint Clearance

AJ-55 **27.5 UNITS**

Specialized Investigators' Basic Course

453 LECTURE HOURS
138 LAB HOURS

This course fulfills the POST training requirements for some California Special Investigators as specified in Commission Regulation 1005, including investigators for the State of California, The Supreme Court of California, Welfare, Welfare Fraud, Social Services, Human Services and specified investigators of the District Attorney. The course focuses on preparing students for investigative positions through hands on experience, including weapons training, role-play scenarios, arrest and control, case management and surveillance.

Entrance Requirement(s): Students must possess a valid California Driver's License as well as proof of insurance. Students must complete the POST PELLET B exam, earning an advisory score. Students must NOT have a Federal or State felony conviction. DOJ clearance is required to possess a firearm. Students must obtain a medical clearance for physical activity.

AJ-60 **2 UNITS**

Field Training Officer Basic Course

40 LECTURE HOURS

This course fulfills the POST training requirements for Field Training Officers (FTO'S) and personnel with the responsibility of training law enforcement officers. It focuses on the core functions of an FTO which are to teach, evaluate, and document (TED). The instructional techniques used focus on the modern science of learning and specific techniques to build the student's teaching skills. Students are given opportunities to work on daily observation reports, remedial training plans, and to apply the standard evaluation guide rating scale. They are given several opportunities in the course to teach, counsel and evaluate mock trainees and complete related reports. Other topics include legal and liability issues for California Peace Officers.

Entrance Requirement(s): Currently employed at a law enforcement agency. Registration requires approval through AJ Dept.

AJ-62 **1 UNIT**

Perishable Skills

16 LECTURE HOURS
8 LAB HOURS

This course fulfills the POST training requirements within perishable skills that every officer must receive every 24 months. It focuses on strategic communication, driver safety, proper use of force and arrest and control procedures. The instructional techniques used focus on the modern science of learning. Students are given a number of scenarios where they must make prompt decisions in responding to a situation. Those decisions include the proper level of force to be used, how the student will communicate with the involved party, driving tactics to be used and whether or not to arrest the involved party. All scenarios and decisions will be debriefed and discussed. (L,C)

Entrance Requirement(s): Attendees must have attended and passed a POST approved Basic Field Training Officer Course.

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AJ-65

4 UNITS

Standards and Training for Corrections Supervisor Core Course

80 LECTURE HOURS

This course provides Standards and Training for Corrections (STC) training curriculum for newly promoted probation or correctional supervisors. The instructional program, spanning 80 hours, encompasses various topical areas such as: role identification, leadership styles, values, ethics, employee motivation, assertive leadership, administrative support, performance appraisal of employees, employee relations, liability concerns, disciplinary measures, counseling, planning and organization, communication, investigations, report evaluation, problem-solving, training, and role transition.

Entrance Requirement(s): Must be a current Probation Officer or Correctional Officer, who either currently holds a supervisors position or is preparing for a future supervisor position.

AJ-70

9 UNITS

Correctional Officer Core Course

157 LECTURE HOURS
30 LAB HOURS

Theory and application of Corrections Officer Training. Meets CA Dept. of Corrections and Rehabilitation requirements. Units of course study include: Criminal Justice System, Codes and Statutes, professionalism/ethics, classification of inmates, contraband/evidence, booking and receiving, releasing, maintaining security, report writing, supervising inmates, distribution of supplies, monitoring health, management of inmate workers, screening visitors and mail, transport of outside facilities, emergency procedures, testifying in court and physical tasks. (L)

Entrance Requirement(s): Medical History and Medical Clearance; Admission through Administration of Justice application process.

AJ-78

3 UNITS

Investigative Report Writing for the Public Safety Professional

54 LECTURE HOURS

Investigative report writing for the public safety professional relative to law enforcement, probation, correctional institutions, parole activities, and private security services. Includes practical experience in preparing field notes, letters, memorandums, and official administrative reports. Examines the role of reports in civil litigation, criminal prosecution, and the presentation of court testimony. Emphasis will be placed on recognizing the characteristics of good report writing and addressing the common report writing problems, including use of correct terminology, grammar, spelling and composition. Grades are P/ NP Option.

AJ-85

3 UNITS

Introduction to Public Safety Careers

54 LECTURE HOURS

This course is an introductory level course in the Public Safety Pathway. It is designed to prepare students for work in entry-level positions in Public Safety through classroom instruction, hands-on training and community experience. The careers included in this course primarily address law enforcement, fire protection, public safety dispatch, and emergency medical services. Integrated throughout the course are career preparation standards, which include basic academic skills, communication, interpersonal skills, problem solving, workplace safety, technology, lifetime health, nutrition, fitness and employment literacy. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in FIRTC-85.

AJ-200

9 UNITS

Probation Officer Core Course

161 LECTURE HOURS
28 LAB HOURS

Designed to provide the basic concepts and skills for "entry level" Probation Officer, including overall mission, role and function in the California Juvenile and Adult Justice System; major tasks and responsibilities; and competency in various knowledge and skill requirements. Meets California Corrections Standards Authority, Division of Standards and Training for Corrections (STC) requirements for "entry level" Probation Officers. (L)

Entrance Requirement(s): Medical History and Medical Clearance. Admission through the Administration of Justice application process.

AJ-202

7 UNITS

Juvenile Correctional Officer Core Course

114 LECTURE HOURS
54 LAB HOURS

Designed to provide the basic concepts and skills for "entry-level" Juvenile Corrections Officer, including overall mission, role and function in the California Juvenile Justice System; major tasks and responsibilities; and competency in various knowledge and skill requirements. Meets California Corrections Standards Authority, Division of Standards and Training for Corrections (STC) requirements for "entry-level" Juvenile Corrections Officers. (L)

Entrance Requirement(s): Medical History and Medical Clearance; Admission through Administration of Justice application process.

Agriculture and Plant Science

At Yuba College we believe these are very exciting times for agriculture, agricultural business and for rural America. Within Yuba and Sutter Counties sustainable and small-scale conventional farming and ranching are of increasing relevance. Agriculturists are becoming more aware of the need for scientific farming to improve productivity and profitability. The close, friendly nature of Yuba College, combined with an integrated agricultural curriculum and remarkable access to hands-on education, creates a fertile learning environment for our students and the agriculture industry we serve.

Career opportunities in agriculture and plant science are many and varied. They include jobs in the food, fiber, and nursery industries; jobs in air, land, water, and natural resources; as well as jobs in pest management, veterinary technology, environmental regulation and protection; biotechnology; accounting, and farm management. Students planning to transfer to a four year learning institution should contact a counselor to ensure correct course placement. As a pioneer in innovative curriculum programs for the California Community College system, Yuba College has developed partnerships with local community agricultural businesses and through joint input has developed a curriculum to help enhance and expand the local agriculture sector.

Today's expanding agriculture arena focuses on production methodology that enhances existing resources. The Yuba College Agriculture Program is about the local farming community. Our Agricultural Program provides both the small business and technical

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skills needed to develop and manage a profitable, environmentally sound and community-based small farm or agricultural business.

Students use their Yuba College education to develop farms, nurseries, green houses and ranches, while others seek employment at established agricultural operations. Employment opportunities are found elsewhere through schools, parks and environmental centers. Jobs are available with non-profit organizations focusing on farmer advocacy. The agriculture degree is also useful for persons desiring to serve in the Peace Corps or other humanitarian volunteer agencies.

AGRICULTURE ASSOCIATE IN SCIENCE

Career opportunities in agriculture and plant science are many and varied. They include jobs in the food, fiber, and nursery industries; jobs in air, land, water, and natural resources; as well as jobs in pest management, veterinary technology, environmental regulation and protection; biotechnology; accounting, and farm management. Students planning to transfer need to see a counselor to ensure they are taking the correct courses.

Students who complete this program should be able to:

1. Identify and apply the principles and techniques of modern crop, soil, and livestock management.
2. Demonstrate scientific evaluation skills including interpreting graphs/data, as well as be proficient in laboratory procedures.
3. Describe fundamental practices in agriculture for livestock, crops, and soil health and sustainability.

REQUIRED COURSES	UNITS
AG 7	Agriculture Entrepreneurship 3
AG 45	Principles of Animal Science..... 3
AG 45A	Principles of Animal Science Lab 1
ENVHR 11	Irrigation Design and Installation 3
PLSCI 20	Principles of Plant Science..... 3
PLSCI 20A	Principles of Plant Science Lab 1
PLSCI 22	Introduction to Soils..... 3
PLSCI 22A	Introduction To Soils Lab..... 1

Complete 12 units selected from the following:

ACCT 10A	General Accounting..... 4
AG 4	Introduction to Agricultural Business 3
AG 60	Preparing for 21st Century Agricultural Workforce..... 3
AG 65	Introduction to Agriculture Technology 3
AG 70	Precision Farming Systems 3
GNBUS 30	Business Computer Applications 3
VETT 8	Large Animal Care and Nursing..... 3
VETT 91	Veterinary Assisting..... 3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 30

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

AGRICULTURE TECHNOLOGY ASSOCIATE IN SCIENCE

The degree in Agriculture Technology introduces students to the innovative ways that technology is used in agriculture today. Students will learn real world application for GPS/GIS, precision farming equipment, drones and related data collection software. Additionally students will explore fundamental agronomic relationships between land and livestock and integrate those with advanced agriculture technology. These students will also recognize how agriculture technology applications positively impact the economic stability of

agriculture enterprises and their workforce.

Students who complete this program should be able to:

1. Identify applicable practices that reduce the impact of agriculture on natural ecosystems.
2. Demonstrate basic skills used in day to day precision farming operations such as global positioning systems, data collection software and unmanned aerial vehicles.
3. Employ methods utilizing advanced agriculture technology to allow for a more profitable, efficient and safer agriculture enterprise.
4. Model those attributes necessary for gainful employment in the field of agriculture technology.

REQUIRED COURSES	UNITS
AG 4	Introduction to Agriculture Business 3
AG 7	Agricultural Entrepreneurship 3
AG 45	Principles of Animal Science..... 3
AG 60	Preparing for 21st Century Agricultural Workforce..... 3
AG 65	Introduction to Agriculture Technology 3
AG 70	Precision Farming Systems 3
GNBUS 30	Business Computer Applications 3
PLSCI 20	Principles of Plant Science..... 3
PLSCI 22	Introduction to Soils..... 3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 27

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

AGRICULTURAL TECHNICIAN CERTIFICATE OF ACHIEVEMENT

The agricultural technician certificate provides current students and graduates with the base knowledge and skills necessary to be successful in the evolving agriculture industry. The certificate will increase competencies in precision agriculture technologies and equipment, plant and soil science, hydrology and agriculture business. Completing the certificate qualifies the student to enter the professional job market in the public sector as well as the agriculture industry, in such jobs as laboratory technician, agriculture UAV (drone) pilot, crop consultant, farm or ranch manager, greenhouse manager, food lab technician, safety technician, soil technician, livestock producer, crop or orchard farmer, and nursery manager, among many others.

Students who complete this program should be able to:

1. Connect basic agronomic fundamentals (soils, crops, water) to the needs of the industry in multiple capacities.
2. Describe and apply computer based skills gained in advanced farming technologies and business application that increase efficiency in farming practices.
3. Explain essential methods of daily or ongoing farm/ranch operation and maintenance.
4. Demonstrate job readiness skills to obtain preferred employment in this progressive field upon graduation.

REQUIRED COURSES	UNITS
AG 4	Introduction to Agriculture Business 3
AG 60	Preparing for 21st Century Agricultural Workforce..... 3
AG 65	Introduction to Agriculture Technology 3
AG 70	Precision Farming Systems 3
GNBUS 30	Business Computer Applications 3
PLSCI 20	Principles of Plant Science..... 3
PLSCI 22	Introduction to Soils..... 3

TOTAL UNITS REQUIRED FOR CERTIFICATE 21

COURSES

AGRICULTURE

AG-4 **3 UNITS**

Introduction to Agricultural Business

TRANSFERABLE TO CSU

C-ID: AG-AB 104

54 LECTURE HOURS

Provides a basic understanding of the business and economics of the agricultural industry; an introduction to the economic aspects of agriculture and their implications for the agricultural producer, consumer and the food system; management principles encountered in the day-to-day operation of an agricultural enterprise as they relate to the decision making process. Grades are P/NP Option.

AG-7 **3 UNITS**

Agricultural Entrepreneurship

TRANSFERABLE TO CSU

54 LECTURE HOURS

Principles of establishing and managing a small business in agriculture, including the preparation of a business plan; emphasis on goal-setting, types of agriculture business organizations, obtaining licenses and permits, financing options, accounting aspects, legal requirements, managing the agriculture enterprise, and other aspects in agricultural entrepreneurship. Grades are P/NP Option.

AG-45 **3 UNITS**

Principles of Animal Science

TRANSFERABLE TO CSU AND UC

C-ID: AG-AS 104

54 LECTURE HOURS

A scientific approach to the livestock industry encompassing aspects of animal anatomy, physiology, nutrition, genetics and epidemiology. Emphasis on the origin, characteristics, adaptations and contributions of livestock to the modern agriculture industry. Field trips may be required.

AG-45A **1 UNIT**

Principles of Animal Science Lab

TRANSFERABLE TO CSU AND UC

54 LAB HOURS

Laboratory to accompany Principles of Animal Science (AG 45). A scientific lab approach to the livestock industry encompassing aspects of animal anatomy, physiology, nutrition, genetics and epidemiology. Experimental design and reporting, animal dissections, basic animal handling and husbandry practices, recognition of animal health, and use of biotechnology in animal science will also be addressed.

Co-requisite: AG-45

AG-60 **3 UNITS**

Preparing for 21st Century Agricultural Workforce

54 LECTURE HOURS

Students learn to critically evaluate and assess the agricultural job market and jobs in the future as it relates to career field opportunities. Students will learn how to evaluate skills, interests, and identify training and/or education pathways through agriculture career explorations. Grades are P/NP Option.

AG-65 **3 UNITS**

Introduction to Agriculture Technology

54 LECTURE HOURS

An analysis of current and trending technologies and basic trades used in agriculture industry today. Emphasis on basic mechanical skills, basic electricity, instrumentation, automation, welding, machining, process improvement, basic drafting, construction and safety management. Emphasizes a proactive approach to project planning, problem solving, and thinking critically. Grades are P/NP Option.

AG-70 **3 UNITS**

Precision Farming Systems

54 LECTURE HOURS

Provides a background in the tools of precision farming, including: GPS, GIS, VRT, precision planters, yield monitoring, robotics and drones, and their use on modern farms. Previews basic functions and provides practical experience with hands on computer activities in several disciplines. Data management and evaluation will also be covered. Basic drone maneuvers will be covered utilizing simulator software. Grades are P/NP Option.

COURSES

PLANT SCIENCE

PLSCI-20 **3 UNITS**

Principles of Plant Science

TRANSFERABLE TO CSU AND UC

C-ID: AG-PS 106

54 LECTURE HOURS

Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and biological competitors.

PLSCI-20A **1 UNIT**

Principles of Plant Science Lab

TRANSFERABLE TO CSU AND UC

C-ID: AG-PS 106L

54 LAB HOURS

Lab course designed to complement PLSCI 20. Topics include microscope use, internal and external plant structures, photosynthesis, respiration, and other aspects of plant growth and development.

Co-requisite: PLSCI-20

PLSCI-22 **3 UNITS**

Introduction To Soils

TRANSFERABLE TO CSU AND UC

C-ID: AG-PS 128L (PLSCI 22 AND PLSCI 22A)

54 LECTURE HOURS

Physical, chemical and biological properties of soils as related to plant growth and soil formation; the study of soil development, classification and characteristics; soil use and management including erosion, moisture retention, structure, cultivation, organic matter and microbiology. Grades are P/NP Option.

PLSCI-22A

1 UNIT

Introduction To Soils Lab

TRANSFERABLE TO CSU AND UC
C-ID: AG-PS 128L (PLSCI 22 AND PLSCI 22A)
54 LAB HOURS

Laboratory to accompany Introduction to Soils (PLSCI 22). Physical, chemical and biological properties of soils as related to plant growth and soil formation. Includes the study of soil development; classification and characteristics; and soil use and management, including erosion, moisture retention, structure, cultivation, organic matter and microbiology.

Co-requisite: PLSCI-22

California State University system. Upon completion of the Associate in Arts in Studio Arts for Transfer degree, students will be able to apply foundational knowledge and skill that compose the core content of the first two years of many four-year programs in Studio Arts.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Demonstrate a specific practice and personal skill of various studio arts media.
2. Engage in both community and professional practice in the exhibition of personal work.
3. Articulate and communicate a broad knowledge of both the history and the practice of various studio arts media.

Anthropology

COURSES

ANTHR-1

3 UNITS

Introduction To Physical Anthropology

TRANSFERABLE TO CSU AND UC
C-ID: ANTH 110
54 LECTURE HOURS

This course examines human biological variation within an evolutionary context. It includes an introduction to the history and principles of evolutionary theory; basic human genetics and molecular biology; the anatomy, behavior, and ecology of our closest living relatives, non-human primates; the evolution of the human lineage through the hominid fossil record; variation among modern human groups, past and present; and a brief introduction to forensic anthropology. Throughout the course, attention is paid to the complex interaction between biology, behavior, and culture.

ANTHR-2

3 UNITS

Cultural Anthropology

TRANSFERABLE TO CSU AND UC
C-ID: ANTH 120
54 LECTURE HOURS

Investigates the diversity of cultures in regards to language, economics, kinship, art, religion, technology, and cultural universals; functional aspects of culture and cultural change; varieties of customs and institutions of different peoples; significance of human culture.

Art and Photography

STUDIO ARTS

ASSOCIATE IN ARTS IN STUDIO ARTS FOR TRANSFER

The Associate in Arts in Studio Arts for Transfer Degree provides students with the opportunity to complete the freshman/sophomore level classes needed for a Bachelor's degree in Studio Arts within the

REQUIRED COURSES

UNITS

ARTH C1200 Survey of Art from the Renaissance to Contemporary	3
ART 4A Drawing and Composition I	3
ART 6A Beginning Basic Design.....	3
ART 6B Intermediate Basic Design, 3-D.....	3

List A Courses. Select one (3 units):

ARTH C1100 Survey of Art from Prehistory to the Medieval Era.....	3
ART 20 African, Oceanic, and Native American Art History Survey	3
ART 21 Asian Art History	3

List B Courses. Select one course from any of the three following areas (9 units):

Drawing

ART 4B Drawing and Composition II	3
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Painting

ART 9A Painting I	3
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Ceramics

ART 12A Beginning Ceramics.....	3
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Sculpture

ART 14A Beginning Sculpture.....	3
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Photography

PHOTO 13 Introduction to Digital Photography	3
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Color

ART 2 Color Theory	3
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Second semester level classes

ART 9B Painting II	3
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ART 12B Intermediate Ceramics.....	3
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ART 14B Intermediate Sculpture.....	3
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PHOTO 36A Digital Photography.....	3
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TOTAL UNITS REQUIRED FOR DEGREE MAJOR

24

Students earning as AA-T /AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better, or "P" (Pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

ART

ASSOCIATE IN ARTS

Art surrounds us every minute of each day. The AA in Art program develops a student's creative ability, independent thinking, and potential to become a visual thinker and effective communicator whether interested in the process of painting, commercial layout, making a functional ceramic piece or company logo. Students will be introduced to art history and hands-on studio experiences in drawing and design as well as ceramics or sculpture. Beyond the foundation requirements of art history and studio experience, students will have an opportunity to explore other studio areas in painting, printmaking, commercial art, and/or photography or further their skills in ceramics or sculpture or further focus on understanding of art history. In advanced courses, students will also be able to produce a portfolio of their work for presentation. These artistic skills and training experiences can lead to a variety of careers in many traditional studio and new digital design fields. These careers range through architecture and interior design, art history and education, museum/gallery curating, interactive design, museum/gallery direction, studio and fine arts, web based graphic and/or commercial art and design, and many other creative job paths that surround these creative professions.

Students who complete this program should be able to:

1. Analyze and communicate a knowledge of Art History
2. Demonstrate skill in design and composition of various art forms
3. Demonstrate specific practice and personal skill in various studio arts media

REQUIRED COURSES	UNITS
ARTH C1100 Survey of Art from Prehistory to the Medieval Era OR	3
ARTH C1200 Survey of Art from the Renaissance to Contemporary	3
ART 4A Drawing and Composition I	3
ART 6A Beginning Basic Design	3
ART 12A Beginning Ceramics OR	3
ART 14A Beginning Sculpture	3
ART 4B Drawing and Composition II OR	3
ART 6B Intermediate Basic Design, 3-D OR	3
ART 2 Color Theory OR	3
ART 5 Art Appreciation	3

Complete twelve (12) units not already used above from the following courses:

ARTH C1100 Survey of Art from Prehistory to the Medieval Era	3
ARTH C1200 Survey of Art from the Renaissance to Contemporary	3
ART 2 Color Theory	3
ART 3A Women in Art I	3
ART 3B Women in Art II	3
ART 4B Drawing and Composition II	3
ART 5 Art Appreciation	3
ART 6B Intermediate Basic Design, 3-D	3
ART 8A Watercolor Painting	3
ART 8B Watercolor Painting	3
ART 9A Painting I	3
ART 9B Painting II	3
ART 12A Beginning Ceramics	3
ART 12B Intermediate Ceramics	3
ART 14A Beginning Sculpture	3
ART 14B Intermediate Sculpture	3
ART 19A Graphic Design I	3
ART 19B Graphic Design II	3
ART 20 African, Oceanic, and Native American Art History Survey	3
ART 21 Asian Art History	3
ART 41A Individual Problems in Painting I	3
ART 41B Individual Problems in Painting: Advanced	3
ART 42A Advanced Ceramics	3
ART 42B Individual Problems in Ceramics II	3
ART 44 Individual Problems in Drawing	3
ART 46A Individual Problems in Sculpture I	3

ART 46B Individual Problems in Sculpture II	3
PHOTO 13 Introduction to Digital Photography	3
PHOTO 36A Digital Photography	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 27

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COMMERCIAL ART

ASSOCIATE IN SCIENCE

REQUIRED COURSES	UNITS
ART 2 Color Theory	3
ART 4A Drawing and Composition I	3
ART 4B Drawing and Composition II	3
ART 6A Beginning Basic Design	3
ART 6B Intermediate Basic Design, 3D	3
ART 19A Graphic Design I	3
ART 19B Graphic Design II	3

Plus 3 units selected from the following:

ARTH C1100 Survey of Art from Prehistory to the Medieval Era	3
ARTH C1200 Survey of Art from the Renaissance to Contemporary	3
ART 8A Watercolor Painting	3
ART 8B Watercolor Painting	3
ART 9A Painting I	3
ART 9B Painting II	3
ART 12A Beginning Ceramics	3
ART 12B Intermediate Ceramics	3
ART 14A Beginning Sculpture	3
ART 14B Intermediate Sculpture	3
PHOTO 13 Introduction to Digital Photography	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 24

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

PHOTOGRAPHIC IMAGING

ASSOCIATE IN SCIENCE

The Photography program is designed to provide students with a creative and technical foundation. Each course offered helps cultivate and grow students' artistic vision along with providing practical commercial application. At the completion of this degree students will have gained experience in studio lighting and digital processes and how they apply to fine art, commercial and documentary style photography. Students who complete a degree in Photographic Imaging will be prepared to pursue their goals in the photographic fine art and commercial worlds.

Students who complete this program should be able to:

1. Demonstrate how to use photography equipment and software.
2. Effectively communicate using visual and technical language related to photography.
3. Describe photography's place in Art History and the Contemporary Art world.
4. Promote their work in both commercial and fine arts settings.

REQUIRED COURSES	UNITS
PHOTO 13 Introduction to Digital Photography	3
PHOTO 22 History of Photography	3
PHOTO 33 Advanced Photography	3

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PHOTO 35	Creative Photo Documentary.....	3
PHOTO 36A	Digital Photography.....	3
PHOTO 36B	Intermediate Digital Photography.....	3
PHOTO 36C	Advanced Digital Photography.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 21

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

PHOTOGRAPHIC IMAGING

CERTIFICATE OF ACHIEVEMENT

The Photography Certificate is designed to provide students with a creative and technical foundation. Each course offered helps cultivate and grow students' artistic vision along with providing practical commercial application. At the completion of this certificate students will have gained experience in studio lighting and digital processes as well as have gained experience in commercial and documentary style photography. Students who complete a Certificate in Photographic Imaging will be prepared to pursue their goals in the commercial world of photography.

Students who complete this program should be able to:

1. Effectively communicate using visual and technical language related to photography.
2. Demonstrate how to use photography equipment and software.
3. Describe photography's place in Art History and the Contemporary Art world.
4. Will promote their work in both commercial and fine arts settings.

REQUIRED COURSES		UNITS
PHOTO 13	Introduction to Digital Photography.....	3
PHOTO 33	Advanced Photography.....	3
PHOTO 35	Creative Photo Documentary.....	3
PHOTO 36A	Digital Photography.....	3

Complete 2 courses from the following:

PHOTO 22	History of Photography.....	3
PHOTO 36B	Intermediate Digital Photography.....	3
PHOTO 36C	Advanced Digital Photography.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 18

COURSES

ART

ARTH-C1100 (formerly ART-1A) 3 UNITS

Survey of Art from Prehistory to the Medieval Era

TRANSFERABLE TO CSU AND UC

C-ID: ARTH 110

54 LECTURE HOURS

This course introduces students to visual art and architecture from prehistory to the medieval era with a focus on art from Europe, North Africa, and the near East. The course will further consider global interactions involving these regions. This is a global approach to Western art history survey.

ARTH-C1200 (formerly ART-1B) 3 UNITS

Survey of Art from the Renaissance to Contemporary

TRANSFERABLE TO CSU AND UC

C-ID: ARTH 120

54 LECTURE HOURS

This course provides an overview of art and architecture from the Renaissance to the contemporary period with a focus on art from Europe. The course will further consider global interactions involving this region.

ART-2 3 UNITS

Color Theory

TRANSFERABLE TO CSU AND UC

C-ID: ARTS 270

36 LECTURE HOURS

54 LAB HOURS

This course introduces the theory and studio use of color and digital color and their role in the visual arts. Students learn the additive and subtractive principles of color theory as they apply them to visual communication and design processes. Emphasis is on color mixing, awareness of color relationships, and their visual impact, including the psychological effects and the symbolic uses of color in visual art.

ART-3A 3 UNITS

Women in Art I

TRANSFERABLE TO CSU AND UC

54 LECTURE HOURS

The role of women as artists in the western world, beginning in the middle ages and concluding in the Twentieth Century art world. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in HUMAN-26A.

ART-3B 3 UNITS

Women in Art II

TRANSFERABLE TO CSU AND UC

54 LECTURE HOURS

Role of women as visual artists in Europe and the Americas, focusing on the Twentieth Century. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in HUMAN-26B.

ART-4A 3 UNITS

Drawing and Composition I

TRANSFERABLE TO CSU AND UC

C-ID: ARTS 110

27 LECTURE HOURS

81 LAB HOURS

This course introduces the use of drawing as a means of increasing visual awareness through the exploration of the creative process: observation, discovery, examination, interpretation, and response. Both historical and contemporary drawing practices are explored. Topics include drawings as a means to make connections between the arts and cultural and social issues, in-depth and consistent applications of the cultural and symbolic value of the elements of visual language throughout global art history. This course also emphasizes dynamic compositions using various arrangements of subject matter in order to develop the principles and practices of drawing using a wide range of drawing media. Both linear and atmospheric perspectives are studied and applied to drawings. Field trips may be required. This is a foundation requirement for all art students. Students are required to purchase supplies needed for the course. For online course offerings, students must have a digital (e.g. phone) camera to record and upload assignments. Grades are P/NP Option.

ART-4B**3 UNITS****Drawing and Composition II****TRANSFERABLE TO CSU AND UC****C-ID: ARTS 205****27 LECTURE HOURS****81 LAB HOURS**

Exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing. A field trip may be required. Grades are P/NP Option.

Prerequisite(s): ART-4A**ART-5****3 UNITS****Art Appreciation****TRANSFERABLE TO CSU AND UC****C-ID: ARTH 100****54 LECTURE HOURS**

This course provides a general introduction to visual art through selected examination of art from diverse cultures of the world from prehistoric period to the present. It includes an examination of the elements of art, historical context and terminology, visual elements, design principles and visual art media. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in HUMAN-5.

ART-6A**3 UNITS****Beginning Basic Design****TRANSFERABLE TO CSU AND UC****C-ID: ARTS 100****27 LECTURE HOURS****81 LAB HOURS**

Introduction to the concepts, applications, and historical references that apply to two-dimensional art, including the basic principles and elements as they relate to two-dimensional problems. (L)

ART-6B**3 UNITS****Intermediate Basic Design, 3-D****TRANSFERABLE TO CSU AND UC****C-ID: ARTS 101****27 LECTURE HOURS****81 LAB HOURS**

Students will explore the concepts, applications, and historical references that relate to three dimensional design and spatial composition, including the study of elements and organizing principles of design as they apply to three dimensional space and form. (L)

Prerequisite(s): ART-6A**ART-8A****3 UNITS****Watercolor Painting****TRANSFERABLE TO CSU AND UC****27 LECTURE HOURS****81 LAB HOURS**

Basic principles and elements of watercolor painting in various techniques; wet on wet, washes, and dry-brush. Concepts of form, color, content, and space are explored. (L) Grades are P/NP Option.

Prerequisite(s): ART-4A**ART-8B****3 UNITS****Watercolor Painting****TRANSFERABLE TO CSU AND UC****27 LECTURE HOURS****81 LAB HOURS**

Basic principles and elements of watercolor painting in various techniques; wet-on-wet, washes, and dry brush. Advanced techniques applied, portfolio of personal work developed. (L) Grades are P/NP Option.

ART-9A**3 UNITS****Painting I****TRANSFERABLE TO CSU AND UC****C-ID: ARTS 210****27 LECTURE HOURS****81 LAB HOURS**

Introduction to the principles, elements, and practices of painting. Focus on painting materials, perceptual skills and color theory, paint mixing and technique, and creative response to materials and subject matter. Field trips may be required. Grades are P/NP Option.

ART-9B**3 UNITS****Painting II****TRANSFERABLE TO CSU AND UC****27 LECTURE HOURS****81 LAB HOURS**

This course expands on the painting skills and concepts presented in ART 9A and covers more complex problems in observation, personal expression, and the formal exploration of composition. It is an intermediate studio painting course in which students work in a more independent framework. Students will initiate and execute progressively complex assignments. Grades are P/NP Option.

Prerequisite(s): ART-9A**ART-12A****3 UNITS****Beginning Ceramics****TRANSFERABLE TO CSU AND UC****27 LECTURE HOURS****81 LAB HOURS**

This course is an introduction to ceramics materials, concepts, tools, and processes. Students are introduced to basic design principles and creative development in hand building, throwing on potter's wheel, glazing techniques, firing techniques and other surface treatments. Students are informed by the historical and contemporary uses of the ceramic medium across cultures to develop their personal ideas and a sense of the context from which their work emerges. Grades are P/NP Option.

ART-12B**3 UNITS****Intermediate Ceramics****TRANSFERABLE TO CSU AND UC****27 LECTURE HOURS****81 LAB HOURS**

This course is an exploration of clay as a medium of expression through hand building and wheel throwing techniques. Students will learn intermediate techniques in building and surface enrichment, clay body formulations, glaze formulation, and kiln firing. Students are introduced to leading trends in contemporary ceramics worldwide and evaluate their own personal aesthetics. Grades are P/NP Option.

Prerequisite(s): ART-12A

ART-14A**3 UNITS****Beginning Sculpture**

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Introduction to three-dimensional sculptural principles, techniques, and concepts utilizing a wide range of materials and practices. Various sculpture methods are practiced with attention to creative self-expression and historical context. Focuses on the use and exploration of the media of clay, plaster, wood and armature building. Covers concepts such as figurative sculpture, abstract sculpture, and conceptual sculpture. Grades are P/NP Option.

ART-14B**3 UNITS****Intermediate Sculpture**

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Further study of three dimensional form and use of materials such as clay, plaster, wood, metal and armature building, with an introduction to creating sculptural spaces through "Installation". Further study of figurative and abstract concepts with an emphasis on conceptual work. Grades are P/NP Option.

Prerequisite(s): ART-14A

ART-19A**3 UNITS****Graphic Design I**

TRANSFERABLE TO CSU
27 LECTURE HOURS
81 LAB HOURS

This course prepares students pursuing a career in digital media by introducing principles and elements of visual design, concept development, the creative design process, production, presentation techniques, and storytelling. This course prepares students pursuing a career in the graphic communication fields with an introductory explanation of the principles of graphic design. Strong emphasis is given to the development of visual decision-making. Specific focus will be on design and gestalt principles, integration of text and image on the two-dimensional page, and introduction to typographic exploration. This course is a foundation course for all design students and explores interactivity across all forms of visual communication. This course is relevant to students studying graphic design, Web design, and computer animation. Grades are P/NP Option.

Advisory: Adobe Suite and basic computer skills recommended

ART-19B**3 UNITS****Graphic Design II**

TRANSFERABLE TO CSU
27 LECTURE HOURS
81 LAB HOURS

This is an in-depth graphic design course focusing on explorations in composition, branding, and image-making. Students will use both digital and hand construction techniques to design projects containing "real world" and experimental challenges. Students will develop and follow graphic design processes, resulting in several new portfolio pieces. Topics include branding, human-centered design, experimental image creation, multi-page publication design, book binding, constructive critique, sustainable design, illustration and proper planning for a graphic design project. These skills are applicable to any visual-making industry including print, web, and animation. Grades are P/NP Option.

Prerequisite(s): ART-19A

ART-20**3 UNITS****African, Oceanic, and Native American Art History Survey**

TRANSFERABLE TO CSU AND UC
C-ID: ARTH 140
54 LECTURE HOURS

This course is a survey of visual culture within selected regions in Africa, Oceania, and indigenous North America. Students will explore art from prehistoric to contemporary periods and analyze the art within its original context, historical context, and spiritual context. This will include learning about symbolism, social functions, and how both play a role in art creation. While there is an emphasis on ritual, environment, and tradition, students will also survey the placement of these art pieces in museums and how it may relate to the process of colonization and decolonization. This course is designed for all students seeking to learn more about art beyond Western society. This course fulfills C-ID ARTH 140 (Arts of Africa, Oceania, and Indigenous North America) transfer standards. Grades are P/NP Option.

ART-21**3 UNITS****Asian Art History**

TRANSFERABLE TO CSU AND UC
C-IDL ARTH 130
54 LECTURE HOURS

This course is a survey of the arts of China, India, Japan, Indonesia, Korea, and South East Asia from prehistoric times to the present. This course examines the wide variety of art forms from these areas and time periods within their historical contexts, with emphasis on function, meaning, aesthetic concepts, mechanical aspects of art-making, and the classification and criticism of these arts. (L) Grades are P/NP Option.

ART-41A**3 UNITS****Individual Problems in Painting I**

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

A third-semester painting course in which students approach individual painting problems with a focus on a series of works in consultation with instructor. Grades are P/NP Option.

Prerequisite(s): ART-9B

ART-41B**3 UNITS****Individual Problems in Painting: Advanced**

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Advanced painting course in which students work on self-directed painting and the development of creative portfolios. (L) Grades are P/NP Option.

Prerequisite(s): ART-9A; ART-9B; ART-41A

ART-42A**3 UNITS****Advanced Ceramics**

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

This course provides advanced ceramics students the opportunity to pursue self-directed, personalized investigations in clay. Building upon the technical, conceptual, and historical foundations established in Beginning and Intermediate Ceramics classes, students develop independent projects that emphasize their own personal aesthetics, material research, and advanced technical and conceptual problem-solving. Students engage in critical dialogue, written and visual research, and professional presentation practices while producing a cohesive body of ceramic work. Grades are P/NP Option.

Prerequisite(s): ART-12B

ART-42B**3 UNITS****Individual Problems in Ceramics II**

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Advanced techniques and processes in which students work on self directed projects for the development of creative portfolios. Grades are P/NP Option.

Prerequisite(s): ART-42A

ART-44**3 UNITS****Individual Problems in Drawing**

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Development of a personal drawing style at an advanced level, working in series with the goal of producing a coherent group of works. Grades are P/NP Option.

Prerequisite(s): ART-4B

ART-46A**3 UNITS****Individual Problems in Sculpture I**

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Advanced techniques and processes; creative and personal expression in three dimensional form. Student will learn to create works in series. Grades are P/NP Option.

Prerequisite(s): ART-14B

ART-46B**3 UNITS****Individual Problems in Sculpture II**

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Advanced techniques and processes; creative and personal expression in three dimensional form. Students will write an artist's statement, have an exhibition of work and create a final portfolio. (L) Grades are P/NP Option.

Prerequisite(s): ART-46A

ART-542B**0 UNITS****Individual Problems in Ceramics**

27 LECTURE HOURS
81 LAB HOURS

This noncredit course provides students with guided, individualized studio experience in ceramics. Emphasis is placed on self-directed exploration of ceramic techniques, materials, and processes based on individual interests and skill levels. Students pursue personal studio goals through hands-on practice, experimentation, and critique in a supportive learning environment. This is a non-credit course primarily but not exclusively intended for older adults as a lifelong education that provides opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making. Grades are satisfactory progress (Noncredit).

COURSES**PHOTOGRAPHY****PHOTO-13****3 UNITS****Introduction to Digital Photography**

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

This course is an introduction to digital photography. Instruction will include basic camera operation, the exploration of technical and creative controls of the camera, computer manipulation and various output methods. Personal expression from a historical context will be emphasized. Students must provide their own adjustable DSLR or mirrorless cameras. Grades are P/NP Option.

PHOTO-22**3 UNITS****History of Photography**

TRANSFERABLE TO CSU
54 LAB HOURS

Survey of the history of photography as an art form and as a means to communicate from its invention to the present. An examination of photography's impact on culture and the lives of the photographers. (L) Grades are P/NP Option.

PHOTO-33**3 UNITS****Advanced Photography**

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

Traditional and digital based photography; further exploration within the student's area of interest. Assignments in creative problem solving with studio lighting and the large format camera. A capstone course for the Photographic Imaging AS and certificate, designed to be a culmination of student's experience. Preparation of final portfolios and resume to target specific photographic markets. (L)

Co-requisite: PHOTO-36B

Limitations on Enrollment: Course not open for credit to students with credit in ART-33.

PHOTO-35**3 UNITS****Creative Photo Documentary**

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

Students will develop an understanding and appreciation of the photograph as it is used in social and personal commentary. Individual exploration and creativity will be developed to create a focused photographic essay. Various presentation methods will be explored. (L)

Prerequisite(s): PHOTO-36A

Limitations on Enrollment: Course not open for credit to students with credit in ART-35.

PHOTO-36A**3 UNITS****Digital Photography****TRANSFERABLE TO CSU AND UC****36 LECTURE HOURS****54 LAB HOURS**

Introduction to digital photography: exposure control, file formats, archiving, and basic image editing/manipulation using Adobe Photoshop. (C)

Prerequisite(s): PHOTO-13

Limitations on Enrollment: Course not open for credit to students with credit in ART-36A.

PHOTO-36B**3 UNITS****Intermediate Digital Photography****TRANSFERABLE TO CSU AND UC****36 LECTURE HOURS****54 LAB HOURS**

Students will delve deeper into the possibilities of Adobe Photoshop pushing the photographic image beyond straight photography into the world of photo manipulation. Techniques that will be covered include but are not limited to creative retouching, montaging and transmissive/reflective scanning and alternative digital outputs producing quality image output.

Prerequisite(s): PHOTO-36A

Limitations on Enrollment: Course not open for credit to students with credit in ART-36B.

PHOTO-36C**3 UNITS****Advanced Digital Photography****TRANSFERABLE TO CSU****36 LECTURE HOURS****54 LAB HOURS**

Individual exploration of advanced digital imaging concepts within a structured environment. Projects may include advanced montaging, text layers, web authoring, integration with other 2D/3D mediums. Self generated projects are emphasized.

Prerequisite(s): PHOTO-36B

Limitations on Enrollment: Course not open for credit to students with credit in ART-36C.

Photography & Art Family of Classes**ART DESIGN:****Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 61 and 62 for details.)

ART 2—Color Theory

ART 6A—Beginning Basic Design

ART 6B—Intermediate Basic Design, 3D

CERAMICS:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 62 and 63 for details.)

ART 12A—Beginning Ceramics

ART 12B—Intermediate Ceramics

ART 42A—Advanced Ceramics

ART 42B—Individual Problems in Ceramics II

COMMERCIAL ART:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 63 for details.)

ART 19A—Graphic Design I

ART 19B—Graphic Design II

DRAWING:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 61 and 63 for details.)

ART 4A—Drawing and Composition I

ART 4B—Drawing and Composition II

ART 44—Individual Problems in Drawing

PAINTING:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 62 and 63 for details.)

ART 8A—Watercolor Painting

ART 8B—Watercolor Painting

ART 9A—Painting I

ART 9B—Painting II

ART 41A—Individual Problems in Painting I

ART 41B—Individual Problems in Painting: Advanced

SCULPTURE:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 62 and 63 for details.)

ART 14A—Beginning Sculpture

ART 14B—Intermediate Sculpture

ART 46A—Individual Problems in Sculpture I

ART 46B—Individual Problems in Sculpture II

Asian–American Studies

COURSE**ASIAN-31****3 UNITS****Asian-American Humanities and Cultures****TRANSFERABLE TO CSU AND UC****54 LECTURE HOURS**

Course covers Asian American religion, art, music, literature, philosophy, culture and traditions and surveys Asian cultures from ancient times to the present. It also focuses on Asian American populations in the local area and challenges faced by immigrants. Course also looks at the contributions of Asian American groups and the ways these have impacted American culture.

Limitations on Enrollment: Not open for credit to students with credit in HUMAN-31.

Astronomy

COURSES

ASTRO-1 **3 UNITS**

Introduction To Astronomy

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Survey of the solar system, stars, galaxies, history and tools of astronomy, cosmology, and exploration of space. (L,M)

ASTRO-1A **1 UNIT**

Astronomy Laboratory

TRANSFERABLE TO CSU AND UC
54 LAB HOURS

Performance of lab experiments to study/verify the important concepts of Introductory Astronomy. The lab experiments will consist of computer simulations of telescope, naked eye observation, interpretation of astronomical data and astronomy exercises. (L,M,C)

Co-requisite: ASTRO-1

Athletics

Courses with "R" can be taken a total of four times.

COURSES

ATHL-1.55R **VO.5-1.5 UNITS**

Sports Conditioning

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
4.5 LECTURE HOURS - 13.5 LECTURE HOURS
13.5 LAB HOURS - 40.5 LAB HOURS
REPEATABLE THREE TIMES ONLY

Preparatory conditioning necessary for intercollegiate competition. Development of sport-specific strength, power, endurance, agility, and flexibility as well as mental training techniques. Grades are P/NP Option.

ATHL-2.01R **1.5 UNITS**

Baseball Skills

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS
REPEATABLE THREE TIMES ONLY

Techniques of baseball and conditioning used in preparing for intercollegiate competition. Grades are P/NP Option.

ATHL-2.03R **1.5 UNITS**

Basketball Skills-Men

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS
REPEATABLE THREE TIMES ONLY

Techniques of basketball and conditioning used in preparing for intercollegiate competition. Grades are P/NP Option.

ATHL-2.04R **1.5 UNITS**

Basketball Skills-Women

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS
REPEATABLE THREE TIMES ONLY

Techniques of basketball and conditioning used in preparing for intercollegiate competition. Grades are P/NP Option.

ATHL-2.07R **1.5 UNITS**

Football Skills

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS
REPEATABLE THREE TIMES ONLY

Preparatory skills necessary for intercollegiate competition in football. Development in offensive and defensive systems, including passing, kicking, blocking and conditioning. Grades are P/NP Option.

ATHL-2.09R **1.5 UNITS**

Softball Skills - Women

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS
REPEATABLE THREE TIMES ONLY

Techniques of softball and conditioning used in preparing for intercollegiate competition. Grades are P/NP Option.

ATHL-2.10R **1.5 UNITS**

Soccer Skills-Women

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS
REPEATABLE THREE TIMES ONLY

Development of various collegiate level soccer skills and strategies for women. This course will include analysis of scouting reports and film reviews, and the practical application of various physical training concepts. Grades are P/NP Option.

ATHL-2.11R **1.5 UNITS**

Track and Field Skills (Men/Women)

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS
REPEATABLE THREE TIMES ONLY

Fundamental techniques and conditioning necessary for participation in intercollegiate track and field competition for men and women. Grades are P/NP Option.

ATHL-2.12R 1.5 UNITS

Soccer Skills - Men

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 13.5 LECTURE HOURS
 40.5 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Preparatory skills necessary for intercollegiate competition in men's soccer. Development in offensive and defensive systems, including passing, kicking, blocking and conditioning. Grades are P/NP Option.

ATHL-2.13R 1.5 UNITS

Volleyball Skills

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 13.5 LECTURE HOURS
 40.5 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Advanced skills and techniques necessary for competitive volleyball play including conditioning, rules of play, and advanced offensive and defensive strategies. Grades are P/NP Option.

ATHL-11R 1.5 UNITS

Intercollegiate Basketball - Men

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 87.5 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Preparation and competition for Intercollegiate Men's basketball. Collegiate techniques and strategies will be implemented.

ATHL-12R 3 UNITS

Intercollegiate Track and Field - Men

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 175 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Preparation and competition for Intercollegiate Men's Track and Field. Collegiate techniques and strategies will be implemented.

ATHL-15R 3 UNITS

Intercollegiate Football

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 175 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Preparation for intercollegiate competition. Daily practice sessions including intercollegiate competition with other colleges. Practice includes instruction in offensive and defensive systems, instructions with various techniques associated with the positions played either in the offensive or defensive systems, and conditioning.

ATHL-16R 3 UNITS

Intercollegiate Soccer-Men

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 175 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Intercollegiate soccer competition including: shooting, heading, controlling, dribbling, passing, tackling, scoring, and goal keeping. Practice and competition required.

ATHL-17R 3 UNITS

Intercollegiate Baseball

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 175 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Preparation for intercollegiate baseball competition. Collegiate baseball techniques and strategies performed. Practice and competition required.

ATHL-31R 3 UNITS

Intercollegiate Volleyball-Women

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 175 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Preparation for intercollegiate volleyball competition. Collegiate level game strategies and techniques performed. Practice and competition required.

ATHL-32R 1.5 UNITS

Intercollegiate Basketball-Women

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 87.5 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Preparation for intercollegiate women's basketball. Collegiate level techniques and strategies for competition will be performed.

ATHL-33R 3 UNITS

Intercollegiate Softball-Women

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 175 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Intercollegiate softball competition, individual skills, position play, team play, and game strategy. Practice and competition required.

ATHL-36R 3 UNITS

Intercollegiate Track and Field-Women

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 175 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Preparation and competition in Intercollegiate Track and Field for Women. Advanced collegiate techniques and skills will be performed in each event.

ATHL-37R 3 UNITS

Intercollegiate Soccer-Women

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 175 LAB HOURS
 REPEATABLE THREE TIMES ONLY

Intercollegiate soccer competition including: shooting, heading, controlling, dribbling, passing, tackling, scoring, and goal keeping. Practice and competition required.

Automotive Technology

The Automotive Technology Program is designed to provide students with the qualifications needed to fill entry-level positions in the automotive and other related repair fields. The Certificate program also provides additional training for those already employed who desire to improve their skills and abilities. These programs can be completed in one or more semesters. The various Certificates of Achievement parallel the national voluntary mechanics testing program offered by A.S.E. (Automotive Service Excellence) and are designed to prepare students to pass the A.S.E. tests. The Autobody courses utilize an I-car based curriculum.

AUTOMOTIVE TECHNOLOGY

ASSOCIATE IN SCIENCE

The Automotive Technology Degree prepares students with the knowledge and skills necessary to become skilled automotive technicians. Emphasis is placed on brake systems, suspension and alignment, heating and air-conditioning, manual and automatic transmissions, electrical and engine management systems, and complete automotive systems diagnosis and repair. It prepares students for all nine Automotive Service Excellence (ASE) A1-A8 certifications including Advanced Engine Performance (L-1).

Students who complete this program should be able to:

1. Demonstrate basic technical skills used by all automotive service and repair technicians, in the areas of brake systems, suspension and steering, and hvac. To include tool selection, use and maintenance, practical measuring skills, nomenclature, systems function, systems service, minor repair procedures and major repair complexities.
2. Demonstrate a knowledge of principles of automotive drivetrains which consist of both standard and automatic transmissions/transaxles and engine theory of operation, pre-tear down diagnosis, disassembly techniques, cleaning methods, measurement tools, component identification, lubrication systems, and ability to apply diagnostic, service and repair procedures to industry standards and specifications.
3. Demonstrate knowledge of current automotive electrical systems, and advanced fuel systems with emphasis on diagnosis, service and repair, proper safety awareness in hybrid service, knowledge of hybrid electrical motors and generator controls, diagnosis of vehicle computer systems using a scan tool.

REQUIRED COURSES	UNITS
AUTO 21 Introduction to Automobiles	3
AUTO 51.20 Automotive Technical Skills.....	3
AUTO 52.30 Manual Drive Trains/Gas/Diesel Vehicles	3
AUTO 52.36 Heating and Air Conditioning Systems	3
AUTO 52.40 Brake Systems.....	4
AUTO 52.41 Alignment and Suspensions.....	4
AUTO 52.44 Electrical Systems	6
AUTO 52.45 Engine Diagnosis and Rebuilding	4
AUTO 52.81 Hybrid and Alternative Fuel Vehicles	2
AUTO 53.31 Automatic Transmission/Gas and Diesel Vehicles	4
AUTO 53.33 Fuel Systems	4

Complete 1 unit from the following:

AUTO 52.61A Engine Repair Experience	1
AUTO 52.62A Automatic Transmission/Transaxle Exp.....	1
AUTO 52.62B Manual Drivetrain/Axles Experience	1

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 41

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

ENGINE PERFORMANCE/ DRIVABILITY AND TUNE-UP

ASSOCIATE IN SCIENCE

The Engine Performance/ Drivability and Tune-Up Degree prepares students with job skills needed to enter the automotive field in positions such as smog technician, tune-up technician, and general repair. With this degree, eventual promotion to management is possible. Emphasis electrical and electronic engine and fuels management systems, and complete automotive systems diagnosis and repair. It prepares students for the Automotive Service Excellence

(ASE) A6 and A8 certifications including Advanced Engine Performance (L-1). This degree also prepares the student for the California State Emission Control License Test.

Students who complete this program should be able to:

1. Demonstrate the ability to perform advanced automotive tune-up problems pertaining to fuel ignition, emission, computers, wiring systems, 5-gas analyzers and combustion, and mechanical engine diagnostics.
2. Demonstrate a knowledge of current automotive electrical systems and advanced fuel systems with emphasis on diagnosis, service and repair.
3. Demonstrate a knowledge of the basic operating principles of automotive air conditioning, heating and ventilating systems. Including air conditioner and heater operation, engine cooling system, system operation with normal service and adjustment procedures, problem diagnosis, repair procedures.

REQUIRED COURSES	UNITS
AUTO 21 Introduction to Automobiles	3
AUTO 50B Advanced Engine Performance and Diagnosis.....	2
AUTO 52.36 Heating and Air Conditioning Systems	3
AUTO 52.44 Electrical Systems.....	6
AUTO 52.61C Electrical Systems Experience	1
AUTO 52.61D Engine Performance Experience.....	1
AUTO 52.81 Hybrid and Alternative Fuel Vehicles	2
AUTO 53.33 Fuel Systems	4
AUTO 53.55 Advanced Tune-Up.....	5
AUTO 95 State Emission Control License.....	7

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 34

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

AUTOMOTIVE DRIVE TRAINS

CERTIFICATE OF ACHIEVEMENT

The Automotive Drive Trains certificate is designed to prepare individuals for careers in the automotive industry as drivetrains technicians. The curriculum covers topics in gas, diesel, and hybrid engines. The certificate also develops skills in the diagnosis and repair of manual and automatic transmissions, and mobile hydraulic systems. The program includes both classroom instruction and hands-on training in a lab setting. Graduates of this program are equipped with the knowledge and skills necessary to perform basic and advanced repairs on automotive drivetrain systems.

Students who complete this program should be able to:

1. Analyze issues pertaining to drive trains whether in electrical or mechanical in nature.
2. Calculate the differences between the three basic types of gear ratios: reduction, direct, and overdrive.
3. Differentiate the appropriate fluid for various types of transmissions.

REQUIRED COURSES	UNITS
AUTO 21 Introduction to Automobiles.....	3
AUTO 51.20 Automotive Technical Skills.....	3
AUTO 52.30 Manual Drivetrains/Gas/Diesel Vehicle	3
AUTO 52.62A Auto Transmission/Transaxle Exp	1
AUTO 52.62B Manual Drivetrain/Axles Experience	1
AUTO 53.31 Automatic Transmission/Gas and Diesel Vehicle.....	4
AUTO 53.22 Hydraulics (Fluid Power).....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 18

AUTOMOTIVE EMISSION TECHNICIAN

CERTIFICATE OF ACHIEVEMENT

The Automotive Emissions Technician Certificate prepares students with job skills needed to enter the automotive field as emissions inspectors or emission repair technicians. Emphasis is placed on fuels, electrical and emissions systems. It meets the state of California requirements for students seeking to apply for a California state smog inspector and/or repair license(s).

Students who complete this program should be able to:

1. Demonstrate knowledge of current automotive electrical systems with emphasis on diagnosis, service and repair of vehicle computer systems using DVOMs, scopes, analyzers and scanners.
2. Demonstrate basic technical skills used by all automotive service, repair and emission technicians, in the areas of electronic fuel injection performance testing and EFI sensors.
3. Explain the state regulations regarding smog check stations, technicians, certification, and how to write estimates.

REQUIRED COURSES		UNITS
AUTO 50B	Advanced Engine Performance and Diagnosis.....	2
AUTO 52.44	Electrical Systems.....	6
AUTO 53.33	Fuel Systems.....	4
AUTO 53.55	Advanced Tune-Up.....	5
AUTO 95	State Emission Control License.....	7
TOTAL UNITS REQUIRED FOR CERTIFICATE		24

AUTOMOTIVE SERVICE TECHNICIAN

CERTIFICATE OF ACHIEVEMENT

This certificate prepares the student for an entry-level position in the automotive industry. Emphasis will be placed on performing vehicle inspections, new car preparation, basic engine service, cooling system maintenance, battery testing, tire service including balancing, disc and drum brake service, basic front and rear suspension service and general automotive maintenance.

Students who complete this program should be able to:

1. Demonstrate fundamental technical skills essential for all automotive service and repair technicians, specifically in the area of brake systems. This includes proficiency in tool selection, usage, and maintenance, practical measurement techniques, as well as understanding of terminology and system functions.
2. Demonstrate fundamental technical skills essential for all automotive service and repair technicians, specifically in the area heating air-conditioning and ventilation This includes proficiency in tool selection, usage, and maintenance, practical measurement techniques, as well as understanding of terminology and system functions.
3. Demonstrate fundamental technical skills essential for all automotive service and repair technicians, specifically in the area of suspension systems. This includes proficiency in tool selection, usage, and maintenance, practical measurement techniques, as well as understanding of terminology and system functions.

REQUIRED COURSES		UNITS
AUTO 21	Introduction to Automobiles.....	3
AUTO 51.20	Automotive Technical Skills.....	3
AUTO 52.36	Heating and Air Conditioning Systems.....	3
AUTO 52.40	Brake Systems.....	4

AUTO 52.41	Alignment and Suspension.....	4
AUTO 52.81	Hybrid and Alternative Fuel Vehicles.....	2

Complete 1 unit from the following:

AUTO 52.61A	Engine Repair Experience.....	1
AUTO 52.62C	Alignment and Suspension Experience.....	1
AUTO 52.62D	Brakes Experience.....	1
AUTO 52.62E	Heating and Air Conditioning Exp.....	1

TOTAL UNITS REQUIRED FOR CERTIFICATE **20**

AUTOMOTIVE TECHNOLOGY

CERTIFICATE OF ACHIEVEMENT

The Automotive Technology Certificate prepares students with job skills needed to enter the automotive field. Emphasis is placed on brake systems, suspension and alignment, heating and air-conditioning, manual and automatic transmissions, electrical and engine management systems, and complete automotive systems diagnosis and repair. It prepares students for all nine Automotive Service Excellence (ASE) A1-A8 certifications including Advanced Engine Performance (L-1).

Students who complete this program should be able to:

1. Demonstrate knowledge of current automotive electrical systems, advanced fuel systems with emphasis on diagnosis, service and repair, proper safety awareness in hybrid service, and knowledge of hybrid electrical motors and generators.
2. Demonstrate basic technical skills used by all automotive service and repair technicians, in the areas of brake systems, suspension and steering, and HVAC to include tool selection, use and maintenance, and practical measuring skills.
3. Demonstrate a knowledge of principles of automotive drivetrains which consist of both standard and automatic transmissions/transaxles and engine theory of operation, pre-tear down diagnosis, disassembly techniques, and cleaning method.

REQUIRED COURSES		UNITS
AUTO 21	Introduction to Automobiles.....	3
AUTO 51.20	Automotive Technical Skills.....	3
AUTO 52.30	Manual Drive Trains/Gas/Diesel Vehicles.....	3
AUTO 52.36	Heating and Air Conditioning Systems.....	3
AUTO 52.40	Brake Systems.....	4
AUTO 52.41	Alignment and Suspension.....	4
AUTO 52.44	Electrical Systems.....	6
AUTO 52.45	Engine Diagnosis and Rebuilding.....	4
AUTO 52.81	Hybrid and Alternative Fuel Vehicles.....	2
AUTO 53.31	Automatic Transmission/Gas and Diesel Vehicles.....	4
AUTO 53.33	Fuel Systems.....	4

Complete 1 unit from the following:

AUTO 52.61A	Engine Repair Experience.....	1
AUTO 52.62A	Automatic Transmission/Transaxle Exp.....	1
AUTO 52.62B	Manual Drivetrain/Axles Experience.....	1

TOTAL UNITS REQUIRED FOR CERTIFICATE **41**

ENGINE PERFORMANCE/ DRIVEABILITY AND TUNE-UP

CERTIFICATE OF ACHIEVEMENT

The Engine Performance/Drivability and Tune-Up certificate prepares students with job skills needed to enter the automotive field in positions such as smog technician, tune-up technician, and general repair. Emphasis is placed on electrical, electronic engine and fuels management systems, and complete automotive systems diagnosis

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and repair. It prepares students for the Automotive Service Excellence (ASE) A6 and A8 certifications including Advanced Engine Performance (L-1). This certificate also prepares the student for the California State Emission Control License Test.

Students who complete this program should be able to:

1. Demonstrate the ability to perform advanced automotive tune-up problems pertaining to fuel ignition, emission, computers, wiring systems, 5-gas analyzers and combustion, and mechanical engine diagnostics.
2. Demonstrate a knowledge of current automotive electrical systems and advanced fuel systems with emphasis on diagnosis, service and repair.
3. Demonstrate a knowledge of the basic operating principles of automotive air conditioning, heating and ventilating systems. Including air conditioner and heater operation, engine cooling system, system operation with normal service and adjustment procedures, problem diagnosis, repair procedures.

REQUIRED COURSES		UNITS
AUTO 21	Introduction to Automobiles	3
AUTO 50B	Advanced Engine Performance and Diagnosis.....	2
AUTO 52.36	Heating and Air Conditioning Systems	3
AUTO 52.44	Electrical Systems	6
AUTO 52.61C	Electrical Systems Experience	1
AUTO 52.61D	Engine Performance Experience.....	1
AUTO 52.81	Hybrid and Alternative Fuel Vehicles.....	2
AUTO 53.33	Fuel Systems	4
AUTO 53.55	Advanced Tune-Up.....	5
AUTO 95	State Emission Control License	7
TOTAL UNITS REQUIRED FOR CERTIFICATE		34

TRANSPORTATION ENGINE REPAIR AND MACHINING

CERTIFICATE OF ACHIEVEMENT

The Transportation Engine Repair and Machining certificate prepares students with job skills need to enter the Automotive, Bus, Train, and Marine Machining field. Emphasis will be placed on performing engine preparation, cleaning, teardown, repair and engine machining techniques. The certificate will also prepare student s to take the Automotive Technicians Education Foundation (NATEF), in the area of A1 engine repair, Automotive Engine Rebuilders Association (AERA) certificate.

Students who complete this program should be able to:

1. Demonstrate basic technical skills used by engine machinist, in the areas of tool selection, use and maintenance, practical measuring skills, nomenclature, systems function, systems service, minor repair procedures, and major repair complexities.
2. Demonstrate the skills to prepare and take the Automotive Service Excellence (ASE) A1 exam through preforming diagnostic analysis and repair on cylinder heads and engine blocks.
3. Demonstrate the skills to prepare and take the Automotive Engine Rebuilders Association (AERA) exam in the ares of cylinder head machining and engine block machining by preforming machining tasks on cylinder heads and engine blocks.

REQUIRED COURSES		UNITS
AUTO 21	Introduction to Automobiles	3
AUTO 51.20	Automotive Technical Skills.....	3
AUTO 52.45	Engine Diagnosis and Rebuilding	4
AUTO 52.46	Engine Machining and Reconditioning	3
AUTO 52.61A	Engine Repair Experience	1
AUTO 52.61B	Engine Machining and Reconditioning Experience.....	1
AUTO 53.33	Fuel Systems	4
TOTAL UNITS REQUIRED FOR CERTIFICATE		19

COURSES

AUTO-21 **3 UNITS**

Introduction to Automobiles

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

This course covers a comprehensive study of automobiles. Emphasis is placed on fundamental operating principles, nomenclature, structural analysis, major design theories, systems function, systems service, minor repair procedures, major repair complexities, current laws and regulations, political action, and personal economics/decision making. Grades are P/NP Option.

AUTO-50B **2 UNITS**

Advanced Engine Performance and Diagnosis

27 LECTURE HOURS
27 LAB HOURS

This course covers a comprehensive study of advanced engine performance diagnosis. Emphasis is placed on automotive and diesel diagnostic methods and repair, fuels, electrical, and emissions control. Labs include diagnostic skills in drivability, onboard diagnostics I & II, including scan tools, meter usage, lab scopes, computerized analyzers and dynamometer five-gas emission diagnostic equipment and other related equipment as it pertains to gas or diesel electronic engine management systems. Bureau of Automotive Repair (BAR) L1 certification is offered upon successful completion of final test. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP Option.

Advisory: Advanced level course suitable for students who have substantial industry experience in diagnosis or have completed a college level electrical, fuels, and diagnostic courses. Basic computer skills to navigate the internet, access publisher online work, homework, and post homework to the course learning management system.

AUTO-51.20 **3 UNITS**

Automotive Technical Skills

36 LECTURE HOURS
54 LAB HOURS

This course covers basic automotive technical skills used by all automotive service and repair technicians. Emphasis is placed on tool selection, use and maintenance of tools, practical measuring skills, bolt and nut thread repair techniques, electrical circuit meter usage and problem solving techniques. Grades are P/NP Option.

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-52.30 **3 UNITS**

Manual Drivetrains/Gas/Diesel Vehicles

36 LECTURE HOURS
54 LAB HOURS

This course covers a comprehensive study of automotive manual drivetrains. Emphasis is placed on standard transmissions and transaxles, clutches, drive shafts, drive axle assemblies, transfer cases, gears, bearings, lubrication theory, normal maintenance adjustments and service operations, problem diagnosis and overhaul procedures for gasoline and diesel vehicles. Grades are P/NP Option.

Co-requisites: AUTO-21; AUTO-51.20

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-52.36**3 UNITS****Heating and Air Conditioning Systems****36 LECTURE HOURS
54 LAB HOURS**

This course covers a comprehensive study of automotive heating, air conditioning and ventilation systems. Emphasis is placed on heating, cooling, and air conditioning systems, engine cooling system, adjustment procedures, problem diagnosis, system operation with normal service, repair procedures, and introduction to automatic temperature systems. Grades are P/NP Option.

Co-requisites: AUTO-21; AUTO-51.20

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-52.40**4 UNITS****Brake Systems****54 LECTURE HOURS
54 LAB HOURS**

This course covers a comprehensive study of automotive braking systems. Emphasis is placed on brake theory, hydraulic operation, hydraulic control valves, power brake units, electronic control systems and anti-lock brake systems (ABS), industry standards and practices for the inspection, diagnosis, service, and repair of automotive and light truck braking systems. Grades are P/NP Option.

Co-requisites: AUTO-21; AUTO-51.20

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-52.41**4 UNITS****Alignment and Suspension****54 LECTURE HOURS
54 LAB HOURS**

This course covers a comprehensive study of automotive alignment and suspension systems. Emphasis is placed on suspension and steering operating theory, 4-wheel alignment, front and rear-wheel alignment, tire repair and balancing, replacement of suspension and steering components, and rebuilding of steering gears and pumps. Grades are P/NP Option.

Co-requisites: AUTO-21; AUTO-51.20

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-52.44**6 UNITS****Electrical Systems****74 LECTURE HOURS
108 LAB HOURS**

This course covers a comprehensive study of current automotive electrical systems. Emphasis is placed on theory, diagnosis, service and wire repair techniques, fundamentals of circuit construction, ignition systems, charging and starting systems, domestic and import computer management systems, wiring diagrams, multi-meters and scanners. Grades are P/NP Option.

Co-requisites: AUTO-21; AUTO-51.20

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-52.45**4 UNITS****Engine Diagnosis and Rebuilding****36 LECTURE HOURS
108 LAB HOURS**

This course covers a comprehensive study of automotive engine diagnosis and rebuilding. Emphasis is placed on theory of operation, pre-teardown diagnosis, disassembly techniques, engine cleaning methods, measurement tools, component identification, lubrication systems, assembly break-in procedures, and introducing alternative fuel and hybrid engine drivetrains. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP Option.

Co-requisites: AUTO-21; AUTO-51.20

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-52.61A**1 UNIT****Engine Repair Experience****54 LAB HOURS**

This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive engine repair. Emphasis is placed on engine failure diagnosis, tear-down, machining and assembly. This course is intended primarily for students with prior practical experience in automotive engine repair. Students are strongly encouraged to have problem solving and computer literacy skills. Grades are P/NP Option.

Co-requisites: AUTO-21; AUTO-51.20; AUTO-52.45

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-52.61C**1 UNIT****Electrical Systems Experience****54 LAB HOURS**

This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive electrical systems. Emphasis is placed on extensive multimeter usage, scan tools, battery and starting test equipment to make diagnostic decisions, and refine skills in reading wiring diagrams. Intended primarily for students with prior practical experience in automotive electrical systems. Students are strongly encouraged to have problem solving and computer literacy skills. Grades are P/NP Option.

Prerequisite(s): AUTO-52.44

Co-requisites: AUTO-21; AUTO-51.20

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-52.61D**1 UNIT****Engine Performance Experience****54 LAB HOURS**

This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive engine performance. Emphasis is placed on scan tools, lab scopes, wiring diagrams, online resources, off-the-car diagnosis, and efficient use of electronic service manuals. Intended primarily for students with prior practical experience in automotive engine performance. Students are strongly encouraged to have problem solving and computer literacy skills. Grades are P/NP Option.

Prerequisite(s): AUTO-52.44

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Co-requisites: AUTO-21; AUTO-51.20**Advisory:** Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.**AUTO-52.62A****1 UNIT**

AUTO Transmission/Transaxle Exp

54 LAB HOURS

This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive automatic transmissions and transaxles. Emphasis is placed on diagnosis of mechanical and electrical systems, techniques for pre-assembly, disassembling, and on the road dyno testing of completed transmissions. Grades are P/NP Option.

Prerequisite(s): AUTO-53.31**Co-requisite:** AUTO-21; AUTO-51.20**Advisory:** Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.**AUTO-52.62B****1 UNIT**

Manual Drivetrain/Axles Experience

54 LAB HOURS

This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive manual drivetrains and axles. Emphasis is placed on removal and installation considerations, diagnosis of transmissions, clutches, transfer cases, differentials, and electrical systems used in manual drivetrain and axle systems. Grades are P/NP Option.

Prerequisite(s): AUTO-52.30**Co-requisite:** AUTO-21; AUTO-51.20**Advisory:** Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.**AUTO-52.62C****1 UNIT**

Alignment and Suspension Experience

54 LAB HOURS

This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive alignment and suspension. Emphasis is placed on 4-wheel alignment, tire repair, balancing, replacement of suspension and steering components, electrical diagnosis as it relates to tire pressure monitoring system, and ride control. Grades are P/NP Option.

Prerequisite(s): AUTO-52.41**Co-requisite(s):** AUTO-21; AUTO-51.20**Advisory:** Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.**AUTO-52.62D****1 UNIT**

Brakes Experience

54 LAB HOURS

This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive brake systems. Emphasis is placed on diagnosing and repairing disc and drum brake systems, wheel and hub bearings, electrical diagnosis as it relates to anti-lock brake systems (ABS) and traction control. Grades are P/NP Option.

Prerequisite(s): AUTO-52.40**Co-requisite:** AUTO-21; AUTO-51.20**Advisory:** Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.**AUTO-52.62E****1 UNIT**

Heating and Air Conditioning Exp

54 LAB HOURS

This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive heating and air conditioning. Emphasis is placed on recovering and recharging of air conditioning system, heating system, semi/AUTO-air controls, engine cooling system, and electrical diagnosis. Grades are P/NP Option.

Prerequisite(s): AUTO-52.36**Co-requisite:** AUTO-21; AUTO-51.20**Advisory:** Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.**AUTO-52.81****2 UNITS**

Hybrid and Alternative Fuel Vehicles

27 LECTURE HOURS**27 LAB HOURS**

This course covers a comprehensive study of hybrid and alternative fuel vehicles. Emphasis is placed on safety when using high voltage, maintenance, drivability, inverter power transfer, battery technologies, hydrogen electric power, and fuel cell technology. Labs include performing scheduled hybrid maintenance services. Introduction to hybrid vehicle diagnosis and repair. Development of entry-level skills needed to work on hybrid vehicles. Students are strongly encouraged to have college level reading, basic mathematics, and computer literacy skills. Grades are P/NP Option.

AUTO-52.22**3 UNITS**

Hydraulics (Fluid Power)

36 LECTURE HOURS**54 LAB HOURS**

This course covers a comprehensive study of hydraulics (fluid power). Emphasis is placed on basic principles of hydraulics, pumps, fluids, linear and rotary actuators, reading automotive hydraulic schematics, robotics, and agricultural industry. Grades are P/NP Option.

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.**AUTO-53.31****4 UNITS**

Automatic Transmission/Gas and Diesel Vehicles

54 LECTURE HOURS**54 LAB HOURS**

This course covers a comprehensive study of automatic transmissions and transaxles. Emphasis is placed on operating principles, planetary gear sets, hydraulic operations, electronic controls, torque converters, normal maintenance adjustments and service operations, problem diagnosis, and overhaul procedures for automotive and truck applications. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP Option.

Prerequisite(s): AUTO-21; AUTO-51.20**Advisory:** Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

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AUTO-53.33**4 UNITS****Fuel Systems****36 LECTURE HOURS
108 LAB HOURS**

This course covers a comprehensive study of conventional and advanced automotive fuel systems. Emphasis is placed on electronic fuel injection, computerized fuel management systems, 5-gas analyzers and combustion theory. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP Option.

Co-requisite(s): AUTO-21; AUTO-51.20

Advisory: Concurrent enrollment in AUTO-53.44 is strongly recommended. It is also recommended that a student enroll in both AUTO-53.33 and AUTO-53.44 for ASE/BAR Automotive A6 and A8 Engine Performance certification. Students will need this certification for enrollment in AUTO-53.55 (Advanced Tune-up course) and AUTO-95 (CA Smog Licensing course) the following semester.

AUTO-53.55**5 UNITS****Advanced Tune-Up****36 LECTURE HOURS
162 LAB HOURS**

This course covers a comprehensive study of advanced automotive tune-up. Emphasis is placed on problems pertaining to fuel delivery, ignition, emission, computers and electronic engine controls, wiring systems, and mechanical engine diagnostics. Latest diagnostic strategies and extensive troubleshooting, use of diagnostic test equipment, lab oscilloscopes, scan-tools, and emission analyzers. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP Option.

Prerequisite(s): AUTO-53.33; AUTO-52.44

Advisory: Computer skills recommended: navigating the internet, accessing publisher online work, homework, and posting to the course learning management system.

AUTO-95**7 UNITS****State Emission Control License****117 LECTURE HOURS
30 LAB HOURS**

The course prepares students for a Smog Check Inspection/Repair license. Intended for students that possess ASE/BAR certifications in the following areas: A6-Automotive Electrical; A8-Automotive Engine Performance; L1-Advanced Engine Performance and/or students that are currently enrolled in electrical, automotive fuel systems and advanced engine performance/diagnostic courses. This is an intensive review of automotive electrical/electronic, engine mechanical, emission controls, and computer control systems as they relate to automotive emissions controls. This course satisfies the ASE/BAR certification requirement when applying for Smog Check technician licenses and may be used by the applicant in lieu of the ASE certifications. Grades are P/NP Option.

Advisory: Advanced level course suitable for students who have substantial industry experience in diagnosis or have completed a college level electrical, fuels, and diagnostic courses. Basic computer skills to navigate the internet, access publisher online work, homework, and post homework to the course learning management system.

Biology

BIOLOGY **ASSOCIATE IN SCIENCE FOR TRANSFER**

The Associate in Science in Biology for Transfer is designed to prepare students for the automatic transfer to California State University institutions with Biology degrees. The Biology program at Yuba College offers a range of courses that fulfill general education and transfer requirements and prepares students for further study in Biology leading to BA, BS, MA, MS and/or Ph.D. degrees.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Analyze data/information in addressing and evaluating problems and issues in making decisions.
2. Understand the purpose of scientific inquiry and the implications and applications of basic scientific principles.
3. Using the Scientific Method, students will be able to correctly interpret experimental data and effectively communicate the findings and implications of that data in writing.

REQUIRED COURSES**UNITS**

BIOL 1	Principles of Biology	5
BIOL 2	General Zoology	4
BIOL 3	General Botany	4
CHEM 1A	General Chemistry	5
CHEM 1B	General Chemistry	5
MATH 1A	Single Variable Calculus I - Early Transcendentals	4

Complete 8 units from one of the following groups:

PHYS 2A	General Physics I	3
PHYS 3A	General Physics Laboratory I	1
PHYS 2B	General Physics II	3
PHYS 3B	General Physics Laboratory II	1
OR		
PHYS 4A	Mechanics	4
PHYS 4B	Electromagnetism	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR**35**

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

BIOLOGY

ASSOCIATE IN SCIENCE

The Associate of Science Degree in Biology is designed to prepare students for transfer to four-year institutions for pre-professional studies in medical, dental and pharmacy programs. The Biology program at Yuba College offers a range of courses that fulfill general education and transfer requirements and prepares students for further study in Biology leading to BA, BS, MA, MS and/or Ph.D. degrees.

Students who complete this program should be able to:

1. Demonstrate an understanding of the fundamental principles of Biology as it relates to their degree path. These fundamental principles include: cell theory, gene theory and homeostasis. Varied courses can assess these principles at any level of biological hierarchy from molecular structure through organismal structure to complete ecosystems.
2. Demonstrate an understanding of topics revolving around the interactions that organisms have with each other, other organisms and their abiotic surroundings including the flow and use of energy within their environment. Students should show knowledge of larger scale biological topics including diversity, population dynamics, and competition within ecosystems.
3. Apply the scientific method to original or pre-designed biological experiments. Students should be able to create or assess a hypothesis, conduct experiments, correctly interpret results, and effectively communicate findings while relating each step of the scientific method.
4. Show proficiency using biological laboratory techniques practiced within a given course curriculum. Students should show knowledge in applied techniques such as, but not limited to, microscopy, dissection, sterile technique, sample identification and chemical assays. Students will use varied instrumentation to obtain experimental results.

REQUIRED COURSES		UNITS
BIOL 1	Principles of Biology	5
BIOL 2	General Zoology	4
BIOL 3	General Botany	4
CHEM 1A	General Chemistry	5
CHEM 1B	General Chemistry	5

Complete eight units from one of the following groups:

PHYS 2A	General Physics.....	3
PHYS 3A	General Physics Laboratory	1
PHYS 2B	General Physics.....	3
PHYS 3B	General Physics Laboratory	1

OR

PHYS 4A	Mechanics.....	4
PHYS 4B	Electromagnetism	4

Complete one course from the following:

MATH 1A	Single Variable Calculus I -- Early Transcendentals	4
MATH 9	Calculus for Business, Social and Life Science	4
STAT 1	Introduction to Statistical Methods	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 35

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

BIOLOGY-ALLIED HEALTH

ASSOCIATE IN SCIENCE

The Biology-Allied Health degree is designed to provide a broad base of knowledge and skills to support students' development into competent health care professionals. The degree requirements parallel many of the prerequisites required in allied health programs. A common core of courses provide a foundation in human anatomy, human physiology, and general psychology. The options provide an opportunity to focus on a specific allied health career field. Students earning this degree will be well prepared to satisfy the prerequisite course requirements for admission into a variety of California Community College, California State University, and private college and university undergraduate Allied Health programs including Nursing (ADN, BSN), Respiratory Care, Radiologic Technology, Diagnostic Medical Sonography, Physical Therapy Assistant, Occupational Therapy Assistant, and Dental Hygiene as well as graduate Allied Health programs in Physical Therapy and Occupational Therapy. This degree also provides foundational knowledge of human biology, psychology, and communication for other professions in hospitals, health clinics, and medical offices.

Students who complete this program should be able to:

1. Demonstrate proficient laboratory techniques within a given Allied Health field.
2. Analyze data/information in addressing and evaluating scientific problems and issues while making decisions.
3. Use the Scientific Method to correctly interpret experimental data and effectively communicate the findings and implications of that data in writing.

Choose One Option Below:

UNITS

Option 1: Pre-Nursing (ASN)

BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
BIOL 6	Introductory Microbiology	4
HLTH 10	Principles of Nutrition	3
PSYC C1000	Introduction to Psychology	3
STAT C1000	Introduction to Statistics	4
CHEM 2A	Introductory Chemistry I OR	5
CHEM 1A	General Chemistry	5
ANTHR 2	Cultural Anthropology OR	3
SOCIL 1	Introduction to Sociology.....	3
COMM C1000	Introduction to Public Speaking OR	3
SPECH 6	Small Group Communication	3

Option 2: Pre-Nursing (BSN)

BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
BIOL 6	Introductory Microbiology	4
COMM C1000	Introduction to Public Speaking	3
HLTH 10	Principles of Nutrition	3
PSYC C1000	Introduction to Psychology	3
ENGL C1001	Critical Thinking and Writing OR	3
ENGL C1003	Critical Thinking and Writing Through Literature.....	4
CHEM 2A	Introductory Chemistry I OR	5
CHEM 1A	General Chemistry	5
ANTHR 2	Cultural Anthropology OR	3
SOCIL 1	Introduction to Sociology.....	3

Option 3: Pre-Respiratory Care

BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
BIOL 6	Introductory Microbiology	4
CHEM 2A	Introductory Chemistry I	5
PSYC C1000	Introduction to Psychology	3
NURS 51	Medical Terminology OR	3
PSYCH 41	Lifespan Development OR	3
SOCIL 1	Introduction to Sociology.....	3

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COMM C1000	Introduction to Public Speaking OR	3
SPECH 7	Interpersonal Communication	3

Option 4: Pre-Radiologic Technology

BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
NURS 51	Medical Terminology	3
PSYC C1000	Introduction to Psychology	3
CHEM 2A	Introductory Chemistry I OR	5
CHEM 1A	General Chemistry	5
COMM C1000	Introduction to Public Speaking OR	3
SPECH 6	Small Group Communication OR	3
SPECH 7	Interpersonal Communication.....	3

Option 5: Pre-Dental Hygiene

BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
BIOL 6	Introductory Microbiology	4
HLTH 10	Principles of Nutrition	3
SOCIL 1	Introduction to Sociology.....	3
PSYC C1000	Introduction to Psychology	3
CHEM 2A	Introductory Chemistry I OR	5
CHEM 1A	General Chemistry	5
COMM C1000	Introduction to Public Speaking OR	3
SPECH 6	Small Group Communication OR	3
SPECH 7	Interpersonal Communication.....	3

Option 6: Pre-Occupational Therapy Assistant

BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
HLTH 10	Principles of Nutrition	3
NURS 51	Medical Terminology	3
PSYCH 41	Lifespan Development.....	3
PSYC C1000	Introduction to Psychology	3

Option 7: Pre-Physical Therapy

BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
CHEM 1A	General Chemistry	5
CHEM 1B	General Chemistry	5
PHYS 2A	General Physics I	3
PHYS 2B	General Physics II	3
PHYS 3A	General Physics Laboratory I.....	1
PHYS 3B	General Physics Laboratory II.....	1
PSYC C1000	Introduction to Psychology	3
STAT C1000	Introduction to Statistics	4

Option 8: Pre-Occupational Therapy

BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
PSYCH 41	Lifespan Development.....	3
PSYC C1000	Introduction to Psychology	3
STAT C1000	Introduction to Statistics	4
SOCIL 1	Introduction to Sociology OR	3
ANTHR 2	Cultural Anthropology	3
ART 4A	Drawing and Composition I OR	3
ART 9A	Painting I OR	3
ART 12A	Beginning Ceramics OR	3
ART 14A	Beginning Sculpture	3

Option 9: Pre-Diagnostic Medical Sonography

BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
PHYS 2A	General Physics I	3
PHYS 3A	General Physics Laboratory I.....	1
PSYC C1000	Introduction to Psychology	3
MATH 20	College Algebra OR	4
STAT C1000	Introduction to Statistics	4
NURS 51	Medical Terminology OR	3
COMM C1000	Introduction to Public Speaking OR	3
SPECH 7	Interpersonal Communication	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 20-33

Students earning an AA and AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program

units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information

COURSES**BIOL-1 5 UNITS****Principles of Biology****TRANSFERABLE TO CSU AND UC****C-ID: BIOL 190; BIOL 135S (BIOL 1, BIOL 2 AND BIOL 3)****54 LECTURE HOURS****108 LAB HOURS**

An introduction to biology for majors that emphasizes cellular and molecular processes in prokaryotes and eukaryotes. Topics include biological molecules, cell structure, cell communication, metabolism (enzymes, respiration, fermentation, and photosynthesis), cell reproduction, heredity, molecular genetics, and evolution. This course emphasizes the scientific method and experimental design.

Prerequisite(s): Intermediate algebra or equivalent through the college placement process.

Advisory: Background in high school biology is recommended.

BIOL-2 4 UNITS**General Zoology****TRANSFERABLE TO CSU AND UC****C-ID: BIOL 150; BIOL 135S (BIOL 1, BIOL 2 AND BIOL 3)****36 LECTURE HOURS****108 LAB HOURS**

Applies the concepts introduced in Biology 1 to the study of plants, fungi, algae and other "protists", and photosynthetic prokaryotes. Topics include diversity, taxonomy, systematics, phylogenetics, evolution, morphology, anatomy and physiology, and ecology (populations, communities, and ecosystems). Designed primarily for biology majors and related fields but open to all qualified students. Grades are P/NP Option.

Prerequisite(s): BIOL-1; Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the intermediate algebra level.

BIOL-3 4 UNITS**General Botany****TRANSFERABLE TO CSU AND UC****C-ID: BIOL 155; BIOL 135S (BIOL 1, BIOL 2 AND BIOL 3)****36 LECTURE HOURS****108 LAB HOURS**

Applies the concepts introduced in Biology 1 to the study of plants and general ecology. Topics include morphology, physiology, systematics, and evolutionary trends among cyanobacteria, algae, fungi, and plants. Population, community, and ecosystems dynamics of higher plants will be emphasized. Designed primarily for biology majors and related fields but open to all qualified students.

Prerequisite(s): BIOL-1; Intermediate algebra or equivalent through the placement process.

BIOL-4 4 UNITS**Human Anatomy****TRANSFERABLE TO CSU AND UC****C-ID: BIOL 110B****36 LECTURE HOURS****108 LAB HOURS**

An introduction to the gross, microscopic and organizational structure of the human body. Emphasizes the interrelationship between structure and function of cells, tissues, organs, organ systems and the human body as a whole. Lab activities include use of Histology, Osteology, Myology, Neuroscience, and a Human cadaver specimen when applicable. The course is primarily intended for nursing, allied health,

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kinesiology, and other health related majors.

Prerequisite(s): BIOL-1 or BIOL-15**BIOL-5****4 UNITS**

Human Physiology

TRANSFERABLE TO CSU AND UC**C-ID: BIOL 120B****36 LECTURE HOURS****108 LAB HOURS**

Human Physiology is designed to introduce the physiological principles of function, integration, regulation and homeostasis of the human body. It includes topics at the molecular, cellular, tissue, and organ levels found within all eleven organ systems. Laboratory includes activities such as EEGs, EMGs, EKGs, blood tests, spirometric measurements, urinalysis, digestion experiments, and many others. The clinical aspects of evaluating and maintaining health are also discussed in lecture and laboratory.

Prerequisite(s): BIOL-1 or BIOL-15**BIOL-6****4 UNITS**

Introductory Microbiology

TRANSFERABLE TO CSU AND UC**36 LECTURE HOURS****108 LAB HOURS**

This course covers the history, structure, metabolism, genetics and ecology of microscopic life forms and explores their relationship to disease, immunology, agriculture and industry. Laboratory emphasizes the development of techniques for the detection, isolation, and identification of both harmless and pathogenic species.

Prerequisite(s): BIOL-1 or BIOL-15**BIOL-10****3 UNITS**

General Biology

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT**54 LECTURE HOURS**

The science of life for non-science majors. Provides an overview of the world of living organisms including their classification and unifying characteristics. Introduces basic biological processes such as homeostasis, photosynthesis, cellular respiration, DNA function, cellular reproduction, evolution, and ecosystem interactions with an emphasis on the relationship of structure to function and the interrelationships of living organisms. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in BIOL-10L.**BIOL-10L****4 UNITS**

General Biology with Lab

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT**54 LECTURE HOURS****54 LAB HOURS**

The science of life for non-science majors. Provides an overview of the world of living organisms including their classification and unifying characteristics. Introduces basic biological processes such as homeostasis, photosynthesis, cellular respiration, DNA function, cellular reproduction, evolution, and ecosystem interactions with an emphasis on the relationship of structure to function and the interrelationships of living organisms. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in BIOL-10.**BIOL-11****1 UNIT**

General Biology Laboratory

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT**54 LAB HOURS**

Hands-on laboratory study of biology for non-science majors. Exploration of origin, characteristics, regulation, energy utilization, respiration, and interrelationships of living organisms. Grades are P/NP Option.

Co-requisite: BIOL-10**BIOL-15****4 UNITS**

Bioscience

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT**54 LECTURE HOURS****54 LAB HOURS**

Introduction to the unifying principles of biology, including the chemistry of life, cell structure and function, energy, genetics, evolution, and organismal structure. Grades are P/NP Option.

BIOL-24**3 UNITS**

Human Biology

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT**54 LECTURE HOURS**

An introduction to general biology of human beings. Emphasis is placed on the concepts, mechanisms and terminology used in anatomy, physiology and ecology. Topics include cell structure and function, human evolution, anatomy and physiology of the organ systems, genetics, and the human impact on the environment. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in BIOL-24L.**BIOL-24L****4 UNITS**

Human Biology with Laboratory

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT**54 LECTURE HOURS****54 LAB HOURS**

An introduction to the general biology of human beings. Emphasis is placed on the concepts, mechanism and terminology used in anatomy, physiology and ecology. Topics include cell structure and function, human evolution, anatomy and physiology of the organ systems, genetics, and the human impact on the environment. The lab portion of the course will provide an introduction to general biology laboratory with an emphasis on humans. Topics include microscopy, cell structure and function, human anatomy and physiology and genetics. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in BIOL-24.**BIOL-25****3 UNITS**

Human Genetics

TRANSFERABLE TO CSU AND UC**54 LECTURE HOURS**

Designed for non-science majors to provide an understanding of basic principles of genetics, current developments in genetics, and the influence of genes and the environment in determining human characteristics. Grades are P/NP Option.

BIOL-34**1 UNIT****Active Anatomy****TRANSFERABLE TO CSU
18 LECTURE HOURS**

Active Anatomy is designed to supplement BIOL 4 Human Anatomy. This is done primarily through collaborative activities that help students share successful study tools, exam preparation, and overall learning strategies. Students will also have access to additional learning resources provided by the instructor such practice quizzes, alternate video lessons, and memorization techniques. Overall, this course is recommended for students who may need extra support and practice for BIOL 4 Human Anatomy. Grades are P/NP Option.

Co-requisite: BIOL-4**BIOL-35****1 UNIT****Problem Solving in Physiology****TRANSFERABLE TO CSU
18 LECTURE HOURS**

A companion course to BIOL 5, Human Physiology; appropriate for those wishing additional review in Physiology, preparing for entrance into career training programs, or concurrent with BIOL 5. Lectures, discussions, and case studies are used to explore difficult concepts such as osmolality, nervous system function, acid-base balance, hormonal control, cardiac function, immunity, and many others. Time will also be allowed for consideration of topics chosen by students. Grades are P/NP Option.

Co-requisite: BIOL-5

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Critical Thinking: Students must demonstrate the ability apply critical thinking skills by analyzing data, by synthesizing complex concepts, or by comparing and contrasting concepts learned in a situational environment. Critical thinking is demonstrated through a variety of written assignments, case studies, and projects.
2. Communication: Students must be able to communicate clearly through written assignments and reports as well as verbal presentations.

REQUIRED COURSES**UNITS**

ACCT 11	Principles of Accounting-Financial.....	4
ACCT 12	Principles of Accounting-Managerial	5
ECON C2001	Principles of Microeconomics	3
ECON C2002	Principles of Macroeconomics	3
GNBUS 18	Business Law	3
MATH 9	Calculus for Business, Social and Life Sciences.....	4
STAT C1000	Introduction to Statistics.....	4

Complete one course from:

GNBUS 10	Introduction to Business.....	3
GNBUS 21	Business Communication.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR**29**

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

Business and Accounting

BUSINESS ADMINISTRATION 2.0

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Business Administration 2.0 for Transfer degree prepares students to transfer to a CSU institution by completing required major preparatory coursework in Business Administration. This program prepares students for upper division coursework in Business Administration at a CSU institution.

The Associate in Science in Business Administration 2.0 for Transfer degree provides students with the opportunity to complete their freshman/sophomore level classes needed for a Bachelor's degree in Business Administration within the California State University System.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

ACCOUNTING**ASSOCIATE IN SCIENCE**

The Associate of Science Degree in Accounting prepares students for pre-professional and professional studies in Accounting, Business, Entrepreneurship, Finance, General Business, Marketing, Management and Small Business Management. This degree prepares students with "job ready skills" that could lead to employment as an Account Clerk, Accounting Assistant, Accounting Associate, Accounting Clerk, Accounting Specialist, Accounting Technician, Accounts Payable Clerk, Accounts Payable Specialist, Accounts Payable Clerk, Accounts Receivable Clerk, Tax Preparer or Bookkeeper. A degree in accounting could lead to a career as an Accounting Manager, Business Analyst, Certified Public Accountant (CPA), Cost Accountant, Project Accountant, or a Staff Accountant. Accordingly, this degree also prepares students with computational, software and office equipment skills necessary for immediate entry into the workforce.

Students who complete this program should be able to:

1. Create accurate, professional, and appropriate accounting documents and reports for the business entity served.
2. Assimilate financial data using accounting concepts and methods to understand, analyze, and communicate issues in quantitative terms.
3. Analyze accounting data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Demonstrate effective use of technology applicable to the accounting field.

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REQUIRED COURSES	UNITS
ACCT 3 Computerized Accounting.....	3
ACCT 9 Business Payroll Procedures.....	3
ACCT 11 Principles of Accounting-Financial.....	4
ACCT 12 Principles of Accounting-Managerial.....	5
ECON C2001 Principles of Microeconomics.....	3
ECON C2002 Principles of Macroeconomics.....	3
GNBUS 10 Introduction To Business.....	3
GNBUS 18 Business Law.....	3
GNBUS 33 Spreadsheet Applications.....	3
GNBUS 41 Computer Operating Systems.....	1
GNBUS 48 Business Ethics.....	3
GNBUS 51 Computer and Machine Calculation.....	1.5
TOTAL UNITS REQUIRED FOR DEGREE MAJOR	35.5

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

GENERAL BUSINESS MANAGEMENT

ASSOCIATE IN SCIENCE

This program provides the knowledge and skills needed to progress from entry-level positions in management into higher positions of authority. The program will teach and reinforce business competencies within the context of marshalling and controlling resources and developing managerial decision-making and professional communication skills. Topics include accounting, business law, business communications, human resources, organizational behavior, supervision/management principles and business computer applications. Successful completion of this program will lead to improved managerial skills and abilities that will increase opportunities for entry-level managerial positions and promotional opportunities.

Students who complete this program should be able to:

1. Demonstrate creative critical thinking skills by integrating and applying appropriate concepts, technologies and decision making techniques to effectively evaluate and manage a business.
2. Demonstrate the ability to communicate effectively.
3. Demonstrate the ability to identify and understand ethical and cultural perspectives.

REQUIRED COURSES	UNITS
ECON C2002 Principles of Macroeconomics.....	3
GNBUS 2 Concepts in Personal Finance.....	3
GNBUS 6 Principles of Management.....	3
GNBUS 9 Organizational Behavior.....	3
GNBUS 10 Introduction To Business.....	3
GNBUS 18 Business Law.....	3
GNBUS 21 Business Communication.....	3
GNBUS 48 Business Ethics.....	3
GNBUS 52 Business English.....	3
GNBUS 56 Business Mathematics.....	3

Complete one course from the following:

ACCT 10 General Accounting.....	4
ACCT 11 Principles of Accounting-Financial.....	4

Complete one course from the following:

GNBUS 30 Business Computer Applications.....	3
GNBUS 33 Spreadsheet Applications.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 37

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

HUMAN RESOURCES

ASSOCIATE IN SCIENCE

Human Resources is a concentration within the field of business administration that has the responsibilities of compensation and benefits, recruitment, disciplinary actions, and keeping up to date with any laws that may affect the company and its employees. Students in this program will explore important issues in human resources management including: changing government and legal requirements, downsizing, attention to and appreciation for diversity, global workforce development, the role of information systems, and changing cultural and economic factors. Graduates of this degree should qualify for employment opportunities in human resources departments within private industry, city, county, and state level as a human resources assistant; administrative assistants; social and human services assistant; records management assistant; labor relations assistant; training and development assistant.

Upon completion of this degree, students will be able to:

1. Identify the role human resources management has in the Business Industry.
2. Demonstrate the ability to research constantly changing government regulations.
3. Demonstrate the ability to apply analytical methods to business and ethical situations.
4. Demonstrate basic skills used in day to day operation of a common human resource office, such as written communication, data collections, and payroll procedures.
5. Model those attributes necessary for gainful employment in the field of human resources.

REQUIRED COURSES	UNITS
ACCT 10 General Accounting.....	4
GNBUS 5 Introduction to Supervision.....	3
GNBUS 6 Principles of Management.....	3
GNBUS 8 Human Resource Management.....	3
GNBUS 9 Organizational Behavior.....	3
GNBUS 10 Introduction To Business.....	3
GNBUS 21 Business Communication.....	3
GNBUS 48 Business Ethics.....	3
GNBUS 53 Records and Information Management.....	3

Complete one course from the following:

GNBUS 30 Business Computer Applications.....	3
GNBUS 33 Spreadsheet Applications.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 31

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

SMALL BUSINESS MANAGEMENT

ASSOCIATE IN SCIENCE

The Small Business Management Associate in Science Degree is primarily for students who plan to manage a small business or work in a small business environment. The Small Business curriculum provides students with the basic understanding of existing business practices. Students will be able to understand and apply the principles of business ethics, social responsibilities of a business, basic functions of management, and the qualifications required in business management and/or ownership.

Students who complete this program should be able to:

1. Demonstrate the ability to identify and understand ethical and

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cultural perspectives.

2. Demonstrate creative thinking skills by integrating and applying appropriate concepts, technologies and decision making techniques to effectively evaluate and manage a small business.
3. Demonstrate knowledge of business concepts and techniques for owning, running or managing a small business.
4. Demonstrate the ability to communicate effectively.

REQUIRED COURSES	UNITS
ACCT 3 Computerized Accounting	3
ACCT 9 Business Payroll Procedures.....	3
GNBUS 2 Concepts in Personal Finance.....	3
GNBUS 5 Introduction to Supervision.....	3
GNBUS 7 Entrepreneurship	3
GNBUS 10 Introduction To Business	3
GNBUS 18 Business Law	3
GNBUS 21 Business Communication	3
GNBUS 48 Business Ethics	3
GNBUS 56 Business Mathematics.....	3

Complete one course from the following:

ACCT 10 General Accounting	4
ACCT 11 Principles of Accounting-Financial	4

Complete one course from the following:

GNBUS 30 Business Computer Applications.....	3
GNBUS 33 Spreadsheet Applications.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 37

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

ACCOUNTING

CERTIFICATE OF ACHIEVEMENT

The Accounting certificate provides occupational training for students seeking entry-level accounting positions. Successful completion of this certificate could lead to employment as an Account Clerk, Accounting Assistant, Accounting Associate, Accounting Clerk, Payroll Clerk, Accounting Specialist, Accounting Technician, Accounts Payable Clerk, Accounts Payable Specialist, Accounts Payables Clerk, Accounts Receivable Clerk, Tax Preparer or Bookkeeper. This certificate also prepares students with computational, software and office equipment skills necessary for immediate entry into the workforce.

Students who complete this program should be able to:

1. Create accurate, professional, and appropriate accounting documents and reports for the business entity served.
2. Compute financial data using accounting concepts and methods to understand, analyze, and communicate issues in quantitative terms.
3. Analyze accounting data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Demonstrate effective use of technology applicable to the accounting field.

REQUIRED COURSES	UNITS
ACCT 3 Computerized Accounting	3
ACCT 9 Business Payroll Procedures.....	3
ACCT 10 General Accounting	4
ACCT 11 Principles of Accounting-Financial	4
GNBUS 2 Concepts in Personal Finance.....	3
GNBUS 30 Business Computer Applications.....	3
GNBUS 41 Computer Operating Systems	1
GNBUS 51 Computer and Machine Calculation	1.5

GNBUS 53 Records and Information Management.....	3
GNBUS 56 Business Mathematics.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 28.5

GENERAL BUSINESS ADMINISTRATIVE ASSISTANT

CERTIFICATE OF ACHIEVEMENT

This certificate of achievement prepares students for entry-level office, computer, and administrative support positions in a variety of industries including legal and medical. This certificate also provides additional training for those already employed who desire to improve their skills and abilities.

Students who complete this program should be able to:

1. Demonstrate skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skills.
3. Analyze both internal and external data/information in addressing and evaluating problems and issues in making informed business decisions.
4. Formulate solutions to business problems using current and emerging computer applications, records management, and standard business procedures.

REQUIRED COURSES	UNITS
GNBUS 21 Business Communication	3
GNBUS 32 Word Processing Applications.....	3
GNBUS 33 Spreadsheet Applications.....	3
GNBUS 41 Computer Operating Systems	1
GNBUS 51 Computer and Machine Calculation	1.5
GNBUS 52 Business English.....	3
GNBUS 53 Records and Information Management.....	3
GNBUS 55A Beginning Keyboarding.....	3
GNBUS 55B Intermediate Keyboarding.....	3
GNBUS 68 PDF Applications Using Adobe Acrobat.....	1

Select one of the following options:

Option 1: Administrative Assistant General

GNBUS 60 General Office Procedures.....	3
GNBUS 61 Advanced Office Procedures.....	3

Option 2: Administrative Assistant Medical

GNBUS 62 Medical Coding	3
GNBUS 64 Medical Terminology for Office Specialist.....	3
GNBUS 65 Medical Office Procedures	3

Option 3: Administrative Assistant Legal

GNBUS 18 Business Law	3
GNBUS 63 Legal Office Procedures.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 30.5-33.5

GENERAL BUSINESS-BUSINESS COMPUTER APPLICATIONS

CERTIFICATE OF ACHIEVEMENT

The Certificate of Achievement in General Business-Business Computer Applications prepares students for entry-level office, computer, and administrative support positions in the business field. This program also provides additional training for those already employed who desire to improve their computer and accounting skills and abilities.

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Students who complete this program should be able to:

1. Determine and use business software application tools to analyze quantitative data and interpret the results
2. Apply appropriate technological tools in support of business decision-making
3. Use appropriate technologies for the design, development, and delivery of business communications.

REQUIRED COURSES		UNITS
ACCT 3	Computerized Accounting	3
ACCT 10	General Accounting	4
GNBUS 10	Introduction To Business	3
GNBUS 21	Business Communication	3
GNBUS 30	Business Computer Applications.....	3
GNBUS 32	Word Processing Applications.....	3
GNBUS 33	Spreadsheet Applications.....	3
GNBUS 34	Presentation Application.....	1
GNBUS 37	Introduction To Database Applications.....	1
GNBUS 41	Computer Operating Systems.....	1
GNBUS 42	Internet Literacy and Safety.....	3
GNBUS 51	Computer and Machine Calculation	1.5
TOTAL UNITS REQUIRED FOR CERTIFICATE		29.5

GENERAL BUSINESS MANAGEMENT

CERTIFICATE OF ACHIEVEMENT

This program provides the knowledge and skills needed to progress from entry-level positions in management into higher positions of authority. The program will teach and reinforce business competencies within the context of marshalling and controlling resources and developing managerial decision-making and professional communication skills. Topics include accounting, business law, business communications, human resources, organizational behavior, supervision/management principles and business computer applications. Successful completion of this program will lead to improved managerial skills and abilities that will increase opportunities for entry-level managerial positions and promotional opportunities.

Students who complete this program should be able to:

1. Apply advanced business concepts to make intelligent decisions in a business situation.
2. Write a professional quality document for a business audience.
3. Diagnose and evaluate accurately business problems to make effective managerial decisions.

REQUIRED COURSES		UNITS
ACCT 11	Principles of Accounting-Financial	4
GNBUS 5	Introduction to Supervision.....	3
GNBUS 6	Principles of Management.....	3
GNBUS 10	Introduction To Business	3
GNBUS 18	Business Law	3
GNBUS 21	Business Communications	3
GNBUS 30	Business Computer Applications.....	3
GNBUS 56	Business Mathematics.....	3

Select one course from:

GNBUS 7	Entrepreneurship	3
GNBUS 8	Human Resource Management.....	3
GNBUS 9	Organizational Behavior	3

TOTAL UNITS REQUIRED FOR CERTIFICATE		28.5
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SMALL BUSINESS MANAGEMENT

CERTIFICATE OF ACHIEVEMENT

The Small Business Management certificate is designed for existing and potential small business managers or entrepreneurs. It provides an organized course of study that enables students to develop entrepreneurial skills, recognize business-related opportunities (i.e. finance, banking), and learn the basics of starting and/or managing a small business.

Students who complete this program should be able to:

1. Create a business plan that covers all facets of operating a business.
2. Organize and manage the different business functions necessary for ongoing operations.
3. Identify the functions of management and apply them in business situations.

REQUIRED COURSES		UNITS
GNBUS 5	Introduction to Supervision.....	3
GNBUS 6	Principles of Management.....	3
GNBUS 7	Entrepreneurship	3
GNBUS 10	Introduction To Business	3
GNBUS 30	Business Computer Applications.....	3
GNBUS 48	Business Ethics.....	3

Complete one course from the following:

ACCT 10	General Accounting	4
ACCT 11	Principles of Accounting-Financial.....	4

TOTAL UNITS REQUIRED FOR CERTIFICATE		22
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COURSES

ACCOUNTING

ACCT-3	3 UNITS
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Computerized Accounting

TRANSFERABLE TO CSU
54 LECTURE HOURS

Computerized accounting using QuickBooks. Basic through intermediate features for small and medium size businesses including banking, sales and customers, purchases and vendors, inventory, reports and graphs. Application of all aspects of accounting cycle. Grades are P/NP Option.

Prerequisite(s): ACCT-10 or ACCT-11 or ACCT-12

ACCT-9	3 UNITS
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Business Payroll Procedures

TRANSFERABLE TO CSU
54 LECTURE HOURS

Introduction to payroll terminology, procedures, calculations, record-keeping, timelines, percentages, limitations, and laws that relate to maintaining payroll for business firms in California; computerized payroll procedures will also be presented. Prior accounting knowledge is not necessary, but recommended. Grades are P/NP Option.

Advisory: ACCT-10

ACCT-10**4 UNITS****General Accounting****TRANSFERABLE TO CSU
72 LECTURE HOURS**

This is an introductory accounting course covering accounting principles and practices focusing on the sole-proprietor form of ownership. The course covers the complete accounting cycle, and creation of financial reports. Use of proper procedures in the General Journal, Special Journals, General Ledger and Subsidiary Ledgers. Includes payroll processes, and proper financial reporting. This course prepares students for rigor of Principles of Accounting - Financial course and entry level accounting clerk positions. Grades are P/NP Option.

ACCT-11**4 UNITS****Principles of Accounting-Financial****TRANSFERABLE TO CSU AND UC
C-ID: ACCT 110
72 LECTURE HOURS**

This course presents the basic theory and structure of financial accounting as an information system focusing on the corporate form of ownership and how it is used by investors, creditors, and others stakeholders to make decisions. The course includes spreadsheet applications, recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. Grades are P/NP Option.

Prerequisite(s): GNBUS-30 or GNBUS-33**Advisory:** ACCT-10**ACCT-12****5 UNITS****Principles of Accounting-Managerial****TRANSFERABLE TO CSU AND UC
C-ID: ACCT 120
95 LECTURE HOURS**

Emphasizes accounting principles and tools used by management in decision-making, planning, directing and controlling operations focusing on the corporate form of ownership. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes budgetary techniques, issues relating to cost systems, cost control, profit planning, and performance analysis for manufacturing and service environments. Students will utilize computer software applications as tools in preparing and analyzing managerial related accounting reports. Grades are P/NP Option.

Prerequisite(s): GNBUS-30 or GNBUS-33; ACCT-11**COURSES****GENERAL BUSINESS****GNBUS-2****3 UNITS****Concepts In Personal Finance****TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS**

This course is designed to assist individuals in analyzing their financial affairs. Elements and conceptual basis of financial planning, analysis, and decision making in areas of budgeting, taxes, borrowing, money management, insurance, investments, and retirement will be examined with an emphasis on principles to develop students' economic decision making. Grades are P/NP Option.

GNBUS-5**3 UNITS****Introduction to Supervision****TRANSFERABLE TO CSU
54 LECTURE HOURS**

Introduction to the role of the supervisor and understanding of the basic fundamentals of supervision. A practical course designed for the potential working supervisor. Grades are P/NP Option.

Advisory: ENGL-C1000 or ENGL-C1000E or ESL-1A**GNBUS-6****3 UNITS****Principles of Management****TRANSFERABLE TO CSU
54 LECTURE HOURS**

Managerial and organizational theory and practice; planning, organizing, influencing and controlling. Focusing on the role, functions, and responsibilities of management in a contemporary organization. Grades are P/NP Option.

GNBUS-7**3 UNITS****Entrepreneurship****TRANSFERABLE TO CSU
54 LECTURE HOURS**

Principles of establishing and managing a small business, including the preparation of a business plan; emphasis on goal-setting, types of business organizations, obtaining licenses and permits, financing options, accounting aspects, legal requirements, managing the enterprise, and other aspects in business entrepreneurship. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in AG-7.**GNBUS-8****3 UNITS****Human Resource Management****TRANSFERABLE TO CSU
54 LECTURE HOURS**

Foundations for the contemporary theory and practices relating to the management of people, managing human resources within an organization, and basic personnel processes. Grades are P/NP Option.

GNBUS-9**3 UNITS****Organizational Behavior****TRANSFERABLE TO CSU
54 LECTURE HOURS**

Assists students in understanding and applying theories of management and psychology to human behavior in the workplace. Increases awareness of individual and group behaviors, conflict, resolution, and leadership and organizational dynamics. Grades are P/NP Option.

GNBUS-10**3 UNITS****Introduction To Business****TRANSFERABLE TO CSU AND UC
C-ID: BUS 110
54 LECTURE HOURS**

A survey of the diverse activities of businesses operating in a changing global environment. Examine how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and globally. Demonstrates how these influences impact the primary areas of business including: organizational structure and design; leadership, human resource management, organized labor practices; marketing; organizational communication; technology; entrepreneurship; legal, accounting, financial practices; the stock and

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securities market; and therefore affect a business' ability to achieve its organizational goals within the U.S. and globally. Grades are P/NP Option.

GNBUS-18**3 UNITS****Business Law****TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT****C-ID: BUS 125****54 LECTURE HOURS**

Law and its relationship to business. Laws and regulations affecting managerial decisions. Dispute resolution, torts, contracts, government regulations and other area of commercial law explored through case analysis. Other legal concepts explored include ethics, employment, consumer transactions, competition, the environment, agency, and business organizations. Grades are P/NP Option.

GNBUS-21**3 UNITS****Business Communication****TRANSFERABLE TO CSU****C-ID: BUS 115****54 LECTURE HOURS**

Application of principles of ethical and effective communication to the creation of letters, memos, e-mails, and written and oral reports for a variety of business situations. Development and refinement of written and oral business communication skills including planning, composing, editing, and revising business documents using word processing software for written documents and presentation software to create and deliver professional-level oral reports. This course is designed for students who already have college-level writing skills. Grades are P/NP Option.

Prerequisite(s): ENGL-C1000**GNBUS-30****3 UNITS****Business Computer Applications****TRANSFERABLE TO CSU****45 LECTURE HOURS****27 LAB HOURS**

Develop beginning to intermediate skills using computer office applications. Basic features of word processing, spreadsheet, and presentation software are covered. Hands-on activities will focus on creating simple, integrated documents for business, personal and academic purposes. Typing skills are advised. Grades are P/NP Option.

Advisory: GNBUS-41 and knowledge of mathematics order of operations.

GNBUS-32**3 UNITS****Word Processing Applications****TRANSFERABLE TO CSU****36 LECTURE HOURS****54 LAB HOURS**

Basic and advanced features of word processing. Topics include creating, editing, and saving documents; file management; basic text, paragraph, and page formatting; page numbering; printing options; tables and columns; advanced formatting, chart forms, styles, graphics, borders, shading, drawing, macros, sort, and merge features. Grades are P/NP Option.

Advisory: GNBUS-41**GNBUS-33****3 UNITS****Spreadsheet Applications****TRANSFERABLE TO CSU****36 LECTURE HOURS****54 LAB HOURS**

Learn features of spreadsheet software applications using the interface, working with text labels, values, formulas, functions, editing and formatting. Spreadsheets designed for decision-making, creating charts, list and data management. Includes advanced formatting options, financial functions, 3-D formulas, and other advanced functions. Hands-on coursework that focuses on business, academic and personal applications. Grades are P/NP Option.

Advisory: GNBUS-41 and students should have basic math skills: order of operations, addition, subtraction, multiplication, and exponents.

GNBUS-34**1 UNIT****Presentation Application****TRANSFERABLE TO CSU****12 LECTURE HOURS****18 LAB HOURS**

Learn the basics of presentation application software and more: create presentations, add visuals, include elements and data from other sources, modify master slides and timings. Customize, prepare for distribution and deliver presentations. Familiarity with keyboard recommended. Grades are P/NP Option.

Advisory: GNBUS-41**GNBUS-37****1 UNIT****Introduction To Database Applications****TRANSFERABLE TO CSU****12 LECTURE HOURS****18 LAB HOURS**

Use database applications to develop simple to complex databases in an operating system environment. Design databases, sort and filter records, create input forms and custom-formatted reports. Grades are P/NP Option.

Advisory: GNBUS-41 and students should have basic math skills: order of operations, addition, subtraction, multiplication, and exponents.

GNBUS-41**1 UNIT****Computer Operating Systems****TRANSFERABLE TO CSU****12 LECTURE HOURS****18 LAB HOURS**

Gain a comprehensive understanding of computer operating systems, including the new features of the operating system. Focuses on daily tasks such as creating and organizing files, customizing the workspace, fine-tuning performance, maintaining and protecting your computer. Additional topics include using the internet, basic e-mail skills, performing searches and networking. Students are challenged to apply what they learn to real-life tasks, preparing them to easily transfer skills to new situations. Grades are P/NP Option.

GNBUS-42**3 UNITS****Internet Literacy and Safety****TRANSFERABLE TO CSU****36 LECTURE HOURS****54 LAB HOURS**

Exposes students to a wide range of topics related to the Internet. Students will learn how to perform basic searches, work with email, manage and tune the web browser, and make the Internet a practical and functional part of everyday life. Designed to ease the fears of the

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novice and enhance the ability of the intermediate user. Grades are P/ NP Option.

Advisory: GNBUS-41

GNBUS-48 **3 UNITS**

Business Ethics

TRANSFERABLE TO CSU
54 LECTURE HOURS

This course provides an overview of various ethical issues that arise in business and how ethical behavior can be guided to improve ethical decision making in business. Business cases will be used to assess ethical dilemmas in an ever changing business environment. Grades are P/NP Option.

Advisory: ENGL-C1000 or equivalent to ENGL-C1000

GNBUS-51 **1.5 UNITS**

Computer and Machine Calculation

18 LECTURE HOURS
27 LAB HOURS

Skill development in the operation of the electronic calculators and computer 10-key as it applies to business applications. Functions include: addition, subtraction, multiplication, division, memory, percentages, and interest calculations to solve typical business problems. Speed and accuracy by touch method emphasized. Grades are P/NP Option.

GNBUS-52 **3 UNITS**

Business English

54 LECTURE HOURS

A review of English grammar with applications for written and oral business communications. Grades are P/NP Option.

Advisory: ENGL-C1000 or ENGL-C1000E or ESL-1A

GNBUS-53 **3 UNITS**

Records and Information Management

45 LECTURE HOURS
27 LAB HOURS

This course introduces students to the increasingly complex field of records management. The class emphasizes the importance of effective records management for all types of documents from their creation or receipt, through their processing, distribution, organization, storage, and retrieval, to their ultimate disposition. Students will investigate the management functions necessary to operate a records management program effectively. Grades are P/NP Option.

GNBUS-55A **3 UNITS**

Beginning Keyboarding

36 LECTURE HOURS
54 LAB HOURS

Acquire beginning level keyboarding skills and document formatting. Grades are P/NP Option.

Advisory: GNBUS-41

GNBUS-55B **3 UNITS**

Intermediate Keyboarding

36 LECTURE HOURS
54 LAB HOURS

Refinement of basic keyboarding and document formatting skills to more advanced speed and accuracy levels. Grades are P/NP Option.

Prerequisite(s): GNBUS-55A

Advisory: GNBUS-41

GNBUS-56 **3 UNITS**

Business Mathematics

54 LECTURE HOURS

Math for business, accounting, management, real estate and marketing. Topics include discussion and calculations for banking, cash/trade/and bank discounting, retail and wholesale markups and markdowns, simple and compound interest, present value, annuities and sinking funds, discounting of notes, buying and selling of mutual funds and stocks, payroll, inventory controls, depreciation, taxes, insurance, financial statements and real estate loans. Grades are P/NP Option.

GNBUS-60 **3 UNITS**

General Office Procedures

54 LECTURE HOURS

Skills and procedures necessary in an automated office. Office information systems, including technology and procedures, telecommunications, information processing, mail and phone systems, time management, public relations, human relations skills, and ethics. Grades are P/NP Option.

Advisory: GNBUS-55A

GNBUS-61 **3 UNITS**

Advanced Office Procedures

54 LECTURE HOURS

Develop and apply advanced level of principles, knowledge, and skills necessary for the proper operation of the automated office. Emphasis is placed on higher level administrative assistant skills such as analysis, communication, decision-making, and supervision principles. Grades are P/NP Option.

Advisory: GNBUS-55A; GNBUS-60

GNBUS-62 **3 UNITS**

Medical Coding

54 LECTURE HOURS

In this course, students will learn how to transform healthcare diagnoses, procedures, medical services, and equipment into universal medical alphanumeric codes. Students will be prepared to help ensure the codes are applied correctly during the medical billing process, which includes abstracting the information from documentation, assigning the appropriate codes, and creating a claim to be paid by insurance carriers. Grades are P/NP Option.

Prerequisite(s): GNBUS-64

GNBUS-63 **3 UNITS**

Legal Office Procedures

36 LECTURE HOURS
54 LAB HOURS

This class explores the legal office environment, current legal office procedures, and preparation of legal documents using up-to-date office technology. Grades are P/NP Option.

Advisories: GNBUS-30; GNBUS-32; GNBUS-41

GNBUS-64 **3 UNITS**

Medical Terminology for Office Specialist

36 LECTURE HOURS
54 LAB HOURS

Familiarization with and refinement of medical terminology from programmed text outlining word structure, definitions, and usage with word processing applications. Primarily intended for those who are preparing for a career in health or business, with an emphasis on

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clerical support staff responsibilities. Grades are P/NP Option.

Prerequisite(s): GNBUS-32; GNBUS-52

Advisory: GNBUS-41

GNBUS-65

3 UNITS

Medical Office Procedures

36 LECTURE HOURS

54 LAB HOURS

Students will learn the role of a front office administrative assistant by mastering medical office duties and becoming proficient in the creation and maintenance of medical records. Grades are P/NP Option.

Prerequisite(s): GNBUS-55A

Advisory: GNBUS-41

GNBUS-68

1 UNIT

PDF Applications Using Adobe Acrobat

18 LECTURE HOURS

18 LAB HOURS

This course is designed to provide the learner with a basic understanding of Portable Document Format files (PDFs). Topics include creating and working with PDF files. PDF files are used when there is a need to save, share and print information that cannot be changed by readers. Grades are P/NP Option.

Advisory: GNBUS-41

- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Recognize and implement chemical symbolism, notation, nomenclature and vocabulary.
2. Perform chemistry calculations and demonstrate quantitative reasoning.
3. Sort and apply chemical data and information; demonstrate deductive reasoning.
4. Apply chemistry concepts; demonstrate inductive reasoning.
5. Conduct chemistry laboratory operations and demonstrate manual skills.

REQUIRED COURSES

UNITS

CHEM 1A	General Chemistry	5
CHEM 1B	General Chemistry	5
CHEM 18A	Organic Chemistry for Health and Life Sciences I, with Lab	5
CHEM 18B	Organic Chemistry for Health and Life Sciences II, with Lab	5
PHYS 4A	Mechanics	4
PHYS 4B	Electromagnetism	4
MATH 1A	Single Variable Calculus I - Early Transcendentals	4
MATH 1B	Single Variable Calculus II - Early Transcendentals	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR

36

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

Chemistry

CHEMISTRY

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Chemistry for Transfer is designed for students who wish to transfer into the California State University (CSU) system to complete a Bachelor's Degree in Chemistry. The AS-T Degree in Chemistry will offer the knowledge and ability to be successful in the completion of Bachelor's Degree in Chemistry and may help prepare you for Bachelor's Degrees in biochemistry and a variety of science or engineering related fields. This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. In all cases, students should check with a counselor for more information on university admission and transfer requirements.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework

CHEMISTRY

ASSOCIATE IN SCIENCE

The Chemistry Department at Yuba College offers two degrees in Chemistry; the Associates Degree for Transfer (AST) and a local Associates Degree in Chemistry. Both degrees prepare a student to transfer to a bachelor's degree granting college or university. The AS in Chemistry is designed for students in pre-professional studies in the medical fields. It may also meet requirements for other majors such as environmental chemistry, forensic science and pharmaceutical chemistry. The AS degree differs from the AST degree in one main area, the physics requirement. Not all transfer universities require calculus-based physics. The AS gives students an option in satisfying the physics requirement. The AS degree also provides an important milestone for the student and sends a clear signal to potential employers that a student is goal-oriented and will stick to a task until its completion. In all cases, students should consult with a counselor for more information on university admission and transfer requirements.

Students who complete this program should be able to:

1. Recognize and implement chemical symbolism, notation, nomenclature and vocabulary.
2. Apply chemistry concepts; demonstrate inductive reasoning.
3. Apply chemistry concepts; demonstrate inductive reasoning.
4. Conduct chemistry laboratory operations and demonstrate manual skills.

REQUIRED COURSES

UNITS

CHEM 1A	General Chemistry	5
CHEM 1B	General Chemistry	5
CHEM 18A	Organic Chemistry for Health and Life Sciences I, with Lab	5
CHEM 18B	Organic Chemistry for Health and Life Sciences II, with Lab	5
MATH 1A	Single Variable Calculus I - Early Transcendentals	4
MATH 1B	Single Variable Calculus II - Early Transcendentals	4

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Complete eight units from one of the following groups:

PHYS 2A	General Physics I.....	3
PHYS 2B	General Physics II.....	3
PHYS 3A	General Physics Laboratory I.....	1
PHYS 3B	General Physics Laboratory II.....	1
OR		
PHYS 4A	Mechanics.....	4
PHYS 4B	Electromagnetism.....	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 36

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COURSES

CHEM-1A 5 UNITS

General Chemistry

TRANSFERABLE TO CSU AND UC
C-ID: CHEM 110; CHEM 120S (CHEM 1A AND CHEM 1B)
54 LECTURE HOURS
108 LAB HOURS

Students will explore the fundamental principles of inorganic chemistry including the nomenclature of inorganic compounds, chemical formulas, equations and reactions; stoichiometry; structure of atoms, ions, and molecules and the periodic table; oxidation-reduction and acid-base reactions; gas laws; thermochemistry and equilibrium. Laboratory techniques in the investigation of these chemical systems will be extensively developed, including experiments utilizing calorimetry to determine the enthalpy change associated with physical and chemical processes, fundamental gas laws analyzing pressure, volume, and temperature relationships, and acid-base chemistry utilizing titration analysis. (L,M)

Prerequisite(s): MATH-52; CHEM-2A or High school chemistry with a grade of "C" grade or better AND a passing score on the Chemistry Assessment Examination.

CHEM-1B 5 UNITS

General Chemistry

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: CHEM 120S (CHEM 1A AND CHEM 1B)
54 LECTURE HOURS

Continuation of the exploration and application of the fundamental principles of chemistry developed in CHEM 1A. Topics include intermolecular forces, solutions, colligative properties, kinetics; further aspects of equilibrium including acid-base and solubility equilibrium, thermodynamics, electrochemistry, descriptive chemistry, and qualitative analysis; coordination chemistry; nuclear chemistry and an introduction to organic chemistry. Laboratory techniques in the investigation of these chemical systems will be extensively developed. (L,M)

Prerequisite(s): CHEM-1A

CHEM-2A 5 UNITS

Introductory Chemistry I

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: CHEM 101
54 LECTURE HOURS
108 LAB HOURS

Introduction to fundamental principles of inorganic chemistry; structure and bonding, nomenclature, chemical equations and reactions, stoichiometry, acids, bases, and chemical equilibrium, redox, gases, solutions, and nuclear chemistry. (L,M)

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the beginning algebra level.

Limitations on Enrollment: Course not open for credit for students with credit in CHEM-1A.

CHEM-10 3 UNITS

Concepts of Chemistry

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
54 LECTURE HOURS

A survey of basic concepts of chemistry. Designed for non-science majors desiring an introduction to fundamental chemistry concepts and skills. Not intended for students who will enroll in subsequent chemistry coursework. (L)

CHEM-18A 5 UNITS

Organic Chemistry for Health and Life Sciences I, with Lab

TRANSFERABLE TO CSU AND UC
C-ID: CHEM 150; CHEM 160S (CHEM 18A AND CHEM 18B)
72 LECTURE HOURS
54 LAB HOURS

The first semester of a one-year course in organic chemistry designed for students planning professional school studies in health and life sciences. Lecture includes a rigorous, in-depth presentation of basic principles with emphasis on reaction mechanisms, multi-step synthesis and retrosynthetic analysis, stereochemistry and spectroscopy and preparation and reactions of nonaromatic hydrocarbons, haloalkanes, reactions of alkenes and alkynes, alcohols, ethers and organometallic compounds. Reactions include SN1, SN2, E1 and E2. The laboratory work reinforces topics covered in lecture and includes preparation, isolation, purification and characterization of Organic compounds. Traditional techniques including melting point, recrystallization, extraction, distillation, and chromatography (TLC, Column, GC) will be used. Additional analysis of synthesis products will employ FT-IR, and/or NMR.

Prerequisite(s): CHEM-1A; CHEM-1B

CHEM-18B 5 UNITS

Organic Chemistry for Health and Life II Sciences, with Lab

TRANSFERABLE TO CSU AND UC
C-ID: CHEM 160S (CHEM 18A AND CHEM 18B)
72 LECTURE HOURS
54 LAB HOURS

The second semester of a one-year course in organic chemistry designed for students planning professional school studies in health and life sciences. Lecture emphasizes the physical properties, reactions, and reaction mechanisms of aromatic hydrocarbons; aldehydes and ketones; the preparation, reactions and identification of carboxylic acids and their derivatives; alkyl and acyl amines; beta-dicarbonyl compounds; and various classes of naturally occurring, biologically important compounds. Laboratory work reinforces topics covered in lecture including synthesis, isolation, chemical and spectroscopic analysis.

Prerequisite(s): CHEM-18A; CHEM-1A; CHEM-1B

Communication Studies

(See SPEECH)

Computer Science

COMPUTER SCIENCE ASSOCIATE IN SCIENCE FOR TRANSFER

The Computer Science AS-T degree curriculum focuses on computer architecture and object oriented programming fundamentals including algorithm design, problem analysis, system design, and testing. The Computer Science AS-T degree targets four-year university transfer students interested in software system design and programming as well as those students seeking marketable programming skills aimed towards real-world application and innovation.

Computer Science is a broad field of study with an almost unlimited variety of technical career opportunities in the areas of research, design, technical systems, and network applications. The Computer Science department serves four-year transfer students and those students seeking professional or vocational training. Trained professionals are in high demand due to proficient skills in analytical analysis, problem solving, and critical thinking. Computer Science students typically transfer to four-year universities to complete a Bachelor of Science degree in Computer Science or related fields.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Demonstrate theoretical skills necessary to adapt to technology development and changes in the field of Computer Science.
2. Demonstrate the ability to design and implement efficient and well organized computer applications.
3. Demonstrate the ability to communicate and document ideas and results in an efficient, well organized manner.

REQUIRED COURSES	UNITS
COMSC 2 Computer Assembly Language.....	3
COMSC 9A C++ Programming OR	4
COMSC 12 JAVA Programming	3
COMSC 9B Data Structures	4
COMSC 15 Discrete Structures for Computer Science	3
MATH 1A Single Variable Calculus I - Early Transcendentals.....	4
MATH 1B Single Variable Calculus II - Early Transcendentals.....	4
PHYS 4A Mechanics	4
PHYS 4B Electromagnetism.....	4
TOTAL UNITS REQUIRED FOR DEGREE MAJOR	29-30

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

COMPUTER SCIENCE ASSOCIATE IN SCIENCE

The AS Degree in Computer Science supports students transferring to CSU, UC and Private Institutions where course requirements do not align directly with the AS-T in Computer Science degree. The primary goal of the local AS degree is to provide a flexible degree format allowing students to complete an AS degree that complies with the target institution's requirements. The degree allows flexibility in support of degree options including computer engineering, information systems, computer science, and computer graphics. Students may also be able to obtain entry level employment in computer-related fields with this degree.

Students who complete this program should be able to:

1. Demonstrate a theoretical skills necessary to adapt to technological development and changes in the field of Computer Science.
2. Demonstrate the ability to design and implement efficient and well organized computer applications.
3. Demonstrate the ability to communicate and document ideas and results in an efficient, well organized manner.

REQUIRED COURSES	UNITS
COMSC 9A C++ Programming	4
COMSC 9B Data Structures OR	4
COMSC 11 Advanced C++ Programming.....	3

Complete a minimum of 12 units from the following:

COMSC 2 Computer Assembly Language.....	3
COMSC 6 Introduction to Computer Programming.....	3
COMSC 7 Introduction to Visual Basic Programming.....	3
COMSC 8 Digital Logic Fundamentals.....	4
COMSC 9B Data Structures (if not used above)	4
COMSC 11 Advanced C++ Programming (if not used above).....	3
COMSC 12 Java Programming	3
COMSC 15 Discrete Structures for Computer Science	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 19-21

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COMPUTER SCIENCE CERTIFICATE OF ACHIEVEMENT

The Certificate of Achievement in computer science provides students with fundamental skills required for transfer in majors such as computer engineering, information processing, and application design. The certificate does not require general education which provides flexibility for students to follow the general education of a specific institution such as a UC, private, or out of state institution. This certificate also provides skills for entry level positions as application programmers and skilled users for scientific and business industry.

Students who complete this program should be able to:

1. Demonstrate a theoretical skills necessary to adapt to technological development and changes in the field of Computer Science
2. Demonstrate the ability to design and implement efficient and well organized computer applications.
3. Demonstrate the ability to communicate and document ideas and results in an efficient, well organized manner.

REQUIRED COURSES	UNITS
COMSC 9A C++ Programming	4
COMSC 9B Data Structures OR	4
COMSC 11 Advanced C++ Programming.....	3

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Complete a minimum of 12 units from the following:

COMSC 2	Computer Assembly Language.....	3
COMSC 6	Introduction to Computer Programming.....	3
COMSC 7	Introduction to Visual Basic Programming.....	3
COMSC 9B	Data Structures (if not used above)	4
COMSC 11	Advanced C++ Programming (if not used above).....	3
COMSC 12	Java Programming	3
COMSC 15	Discrete Structures for Computer Science	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 19-21

COURSES

COMSC-2 3 UNITS

Computer Assembly Language

TRANSFERABLE TO CSU AND UC**C-ID: COMP 142****36 LECTURE HOURS****54 LAB HOURS**

Basic operating principles and structure of digital computers including addressing mode, stack manipulation, interrupt processing, fixed and floating point formats, subroutines, features of assemblers, directives, symbol tables, and macros. Programs are written using typical operating systems and machine language for typical modern processors. (L,M,C) Grades are P/NP Option.

COMSC-3 3 UNITS

Introduction to SQL Programming

TRANSFERABLE TO CSU AND UC**45 LECTURE HOURS****36 LAB HOURS**

Emphasis on the use the Structured Query Language (SQL) to include creating, manipulating, and creating reports from database tables. Concepts are designed to target the use of relational databases in programmatic applications.

Advisory: COMSC-6**COMSC-4 1.5 UNITS**

Python Programming

TRANSFERABLE TO CSU AND UC**18 LECTURE HOURS****36 LAB HOURS**

Introduction to Python Programming language. This course is designed as an extension module to investigate the python language. Through online lectures, group discussions and hands-on lab activities, the student will form a working understanding of the of the Python language with the technical knowledge required to develop real world applications. Intended for those with prior experience or coursework in at least one formal programming language, preferably C++ or Java.

Advisory: COMSC-9A or COMSC-12**COMSC-6 3 UNITS**

Introduction to Computer Programming

TRANSFERABLE TO CSU AND UC**54 LECTURE HOURS**

Introduction to programming using object-orientated programming techniques, including problem solving, algorithm development, coding solutions, program life cycle, and source code maintenance.

COMSC-7 3 UNITS

Introduction To Visual Basic Programming

TRANSFERABLE TO CSU AND UC**54 LECTURE HOURS**

Introduction to event-driven programming in the Windows environment

using Microsoft Visual BASIC.Net. Intended for those with prior experience or course work in at least one formal programming language. Includes objects, properties, user interface, forms, event procedures, custom controls, graphics, data access, report creation, and debugging methods. (L,M)

COMSC-8 4 UNITS

Digital Logic Fundamentals

TRANSFERABLE TO CSU AND UC**54 LECTURE HOURS****54 LAB HOURS**

Properties of switching algebra. Minimization of algebraic function using Karnaugh maps and DeMorgan's theorem. Design of combinational logic networks. Design of sequential logic devices including flip-flops, registers, and counters. Analysis and applications of digital devices. Analysis and design of synchronous and asynchronous sequential state machines, state table derivation and reduction. Use of HDL compilers, schematic capture, TTL circuit implementation, and logic simulations tools. Logic design implementation using PLD, FPGA, and TTL. Grades are P/NP Option.

Prerequisite(s): COMSC-9A**COMSC-9A 4 UNITS**

C++ Programming

TRANSFERABLE TO CSU AND UC**C-ID: COMP 122****54 LECTURE HOURS****54 LAB HOURS**

Introduction to the C++ programming language. Emphasis on structured programming methods, object-oriented design, and structured data types. The programming cycle from problem solving to debugging is emphasized. (L,M)

Advisory: COMSC-6**COMSC-9B 4 UNITS**

Data Structures

TRANSFERABLE TO CSU AND UC**C-ID: COMP 132****54 LECTURE HOURS****54 LAB HOURS**

A continuation of COMSC-9A using Object Oriented Programming techniques. An introduction to abstract data types, algorithm analysis, data structures including lists, hash tables, trees, and graphs.

Prerequisite(s): COMSC-9A**COMSC-11 3 UNITS**

Advanced C++ Programming

TRANSFERABLE TO CSU AND UC**36 LECTURE HOURS****54 LAB HOURS**

Topics in object-oriented programming using the C++ programming language, including C++ programming techniques, streaming input/output, dynamic memory allocation, classes and data abstraction, operator overloading, inheritance, and polymorphism.

Prerequisite(s): COMSC-9A**COMSC-12 3 UNITS**

Java Programming

TRANSFERABLE TO CSU AND UC**C-ID: COMP 122****54 LECTURE HOURS**

Introduction to Java Programming. Intended for those with prior experience or coursework in at least one formal programming language, preferably C or C++.Topics include: Java and HTML,

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Applet user interfaces, graphics and multimedia, objects, classes and methods, input and output and IO streaming, networking, threads, packages, the Java AWT and API.

COMSC-15**3 UNITS****Discrete Structures for Computer Science****TRANSFERABLE TO CSU AND UC****C-ID: COMP 152****36 LECTURE HOURS****54 LAB HOURS**

Introduction to the essential discrete structures for computer science with applications. Topics include: proof techniques, counting rules, elementary formal logic and set theory, functions, recursive analysis, digital logic and combinatorial circuits, real number representation, regular expressions, and finite automata. Grades are P/NP Option.

Prerequisite(s): MATH-20; COMSC-9A or COMSC-12

Cooperative Work Experience

(See WORK EXPERIENCE EDUCATION)

Counseling

COURSES

COUNS-10**3 UNITS****College Success****TRANSFERABLE TO CSU AND UC****54 LECTURE HOURS**

Study skills and knowledge necessary for college success including time management, memory techniques, note taking, reading skills, test taking skills, critical thinking, writing, learning, diversity, communication skills, career planning, assessment, use of technology and other resources. (L)

COUNS-25**3 UNITS****Career Planning and Development****TRANSFERABLE TO CSU****54 LECTURE HOURS**

Survey of techniques of career exploration and selection. In the context of a study of the changes that occur during a typical life span, each student will construct a personal profile of current and projected interests, aptitudes, skills, values, personality, and life and personal circumstances. (L)

Limitations on Enrollment: Course not open for credit to students with credit in GNBUS-25.

COUNS-30**3 UNITS****Transfer Preparation****TRANSFERABLE TO CSU****54 LECTURE HOURS**

Preparation and planning for a successful transfer to a university; the UC and CSU systems, private university systems in California, HBCU, and out-of-state colleges and universities. Students will evaluate universities based on research about degrees offered, transfer guarantee programs, geographic location, transfer requirements and opportunities, including Western University Exchange, the application process, housing, financial aid, scholarship and support services. (L) Grades are P/NP Option.

COUNS-35**1 UNIT****College Study Skills****TRANSFERABLE TO CSU****18 LECTURE HOURS**

Improvement of study skills including proper college mindset, goal setting, learning styles, memory, reading comprehension, note taking, time management, test taking strategies, public speaking, critical thinking, and basic writing skills. (L) Grades are P/NP Only.

COUNS-40**3 UNIT****Happiness and Well-being****TRANSFERABLE TO CSU****54 LECTURE HOURS**

A course that explores the roots of a happy and meaningful life. Students will engage in practical lessons from the science of positive psychology and other related psychological theories such as, neurobiology, humanistic psychology, mindfulness, meditation, FLOW & eco-psychology. The course will offer students practical strategies for tapping into and nurturing their own happiness, including activities that foster social and emotional well-being. Grades are P/NP Option.

COUNS-52**1 UNIT****Pre-Employment Skills Training****18 LECTURE HOURS**

Exploration of various skills and methods vital to obtaining and retaining employment, including: developing positive attitudes, resumes, job seeking and interviewing techniques. (L) Grades are P/NP Only.

Course "97"

Experimental Topics**v.5-3 units**

Exploration of selected topics in a subject area. Procedures for implementing the course involve cooperative planning by instructor, Dean, and Vice President of Instruction. Course "97" is not intended for transfer but is of the associate degree level. On the transcript, the course will be shown with a regular department prefix, viz Art 97, followed by a title.

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Course “98”

Independent Studies, 98 A-B-C-D v1-3 units

These courses are used whenever circumstances warrant offering courses not yet part of an established curriculum. For example, media courses which are offered as Independent Studies requiring prior approval by the Chancellor's Office. Other Independent Studies courses may originate from the needs and curiosities of groups of students and faculty to study areas of mutual interest and concern. Media courses will be developed by the Instructional Services Division/ or the Northern California Telecommunications Consortium. Students and faculty may identify areas of interest not taught in other courses to: (1 unit) describe problems within identifiable areas of interest; (2 units) use procedures likely to develop further knowledge; (3 units) develop ways of acting on basis of new knowledge; and (4 units) use integrated approach to solution of problems.

Course “99”

Special Project, 99 1 unit

When special circumstances warrant offering a special course to the individual student in a particular area, an instructor, with approval, may register a student in an individual Special Projects course which will be identified by the name of the department, the course number of “99”, and the title “Special Projects.” Registration in the course involves signing a contract under which the student and instructor agree upon the accomplishment which must be demonstrated by the student in order to receive credit, and which is approved by the cognizant Dean.

Drafting

COURSES

DRAFT-20

3 UNITS

Blueprint and Specifications Reading

TRANSFERABLE TO CSU
54 LECTURE HOURS

This is a beginning blueprint reading class for the student in the metal and mechanics trade. Basic visualization and drawing concepts including orthographic projection, detailing, sketching and communication skills that are needed for employment are developed in the class. Introduction to CAD Modeling.

DRAFT-30

3 UNITS

Technical Drawing With CAD

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

Fundamental technical drafting practices and documentation for part fabrication drawing. Drafting conventions and standards applied to orthographic, section, auxiliary views, isometric and oblique projection will be covered in addition to basic CAD object creation and editing and freehand sketching. ASME Y14.xM standards are emphasized. CAD software will be used to complete the applied laboratory exercises.

Early Childhood Education

EARLY CHILDHOOD EDUCATION

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Early Childhood Education for Transfer degree provides the opportunity for students to complete their freshman/sophomore level classes needed for a Bachelor's degree in ECE with the California State University System.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of “C” or better OR “P” (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Graduate from ECE with a clear understanding of developmentally and culturally appropriate practices and what it means to successfully work with children, families, and the community in an early care and education setting. Students seeking a baccalaureate in a similar discipline in Early Childhood Education or Child Development will successfully complete the transfer process to a four year institution.
2. Proficiently design developmentally appropriate curriculum, and demonstrate effective implementation using intentional teaching methods that scaffold children's co-construction of knowledge through exploration, risk-taking, reflection, and the respectful inclusion and support of individual life experiences.
3. Build partnerships with local, national and international resource organizations in order to advocate effectively for the needs of children and families and to grow in professional skills.
4. Promote higher levels of child learning through the use of intentional teaching methods that support the unique development of every child.

REQUIRED COURSES

UNITS

ECE 1A	Principles and Practices of Teaching Young Children	3
ECE 1B	Introduction to Curriculum	3
ECE 3	Child Growth and Development.....	3
ECE 10	Health, Safety, and Nutrition.....	3

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ECE 11	Observation and Assessment	3
ECE 27	Teaching in a Diverse Society	3
ECE 31	Child, Family, Community	3
ECE 46	Practicum-Field Experience-Preschool	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 24

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

ELEMENTARY TEACHER EDUCATION: INTEGRATED PROGRAMS

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Arts in Elementary Teacher Education: Integrated Programs for Transfer degree provides the opportunity for students to complete their freshman/sophomore level classes needed for a Bachelor's degree in Elementary Teacher Education/Liberal Studies with the California State University System.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Analyze and evaluate major historical issues and judge their significance to the development of American History up through Reconstruction.
2. Demonstrate integrated knowledge of development and major theoretical frameworks for children birth through age eighteen.
3. Combine material from multiple sources to support one or more claims.
4. Articulate awareness, respect, sensitivity, and understanding needed for teaching in a diverse, local and global society.
5. Demonstrate an introductory subject matter competency and knowledge of integrated studies commonly taught in elementary schools.

REQUIRED COURSES		UNITS
BIOL 10L	General Biology with Lab	4
COMM C1000	Introduction to Public Speaking	3
ECE 3	Child Growth and Development	3
EDUC 1	Introduction to Teaching With Field Experience	3
HIST C1001	United States History to 1877	3
POLS C1000	American Government and Politics	3
ENGL C1000	Academic Reading and Writing OR	4
ENGL C1000E	Academic Reading and Writing OR	5
ESL 1A	College Composition and Reading for Nonnative English	

Speakers		4
HIST 5A	World Civilizations to 1500 OR	3
ENGL C1003	Critical Thinking and Writing Through Literature OR	4
ECE 39	Children's Literature	3

Select one of the following combinations:

GEOL 8	Earth Science AND	3
GEOL 8L	Earth Science Laboratory OR	4
PHYSC 10B	Physical Science - Physics & Chemistry AND	3
PHYSC 10C	Physical Science - Physics & Chemistry Lab	4

Select one course from:

ART 5	Art Appreciation	3
MUSIC 3	Music Appreciation	3
THART 10	Introduction to Theatre	3

Complete the following number of credits (0-12):

MATH 15	Concepts and Structures of Mathematics	3
MATH 16	Concepts and Structures of Mathematics	3
ECON C2002	Principles of Macroeconomics	3
HLTH 1	Health and Life Style Choices	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 33-47

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

EARLY CHILDHOOD EDUCATION ASSOCIATE IN SCIENCE

The Associate in Science in Early Childhood Education (ECE) is designed for students desiring an occupational or transfer course of study, providing more depth than the ECE transfer degree (ADT). This occupational course of study prepares students to work with children from birth through age eight in a variety of settings.

Students who complete this program should be able to:

1. Graduate from ECE with a clear understanding of developmentally and culturally appropriate practices and what it means to successfully work with children, families, and the community in an early care and education setting.

REQUIRED COURSES		UNITS
ECE 1A	Principles and Practices of Teaching Young Children	3
ECE 1B	Introduction to Curriculum	3
ECE 1C	Positive Social Development in Young Child	3
ECE 3	Child Growth and Development	3
ECE 10	Health, Safety and Nutrition	3
ECE 11	Observation and Assessment	3
ECE 27	Teaching in a Diverse Society	3
ECE 31	Child, Family, Community	3
ECE 17	The Exceptional Child	3
ECE 42	Infant/Toddler Development OR	3
ECE 43	Care and Education for Infants and Toddlers	3
ECE 46	Practicum-Field Experience-Preschool OR	3
ECE 46A	Practicum-Field Exp-Infant/Toddler OR	3
ECE 46B	Practicum-Field Exp-School Age Children OR	3
ECE 46C	Practicum-Field Exp-Children With Special Needs	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 33

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

Director of Private Day Care Center/ Preschool Options

For more information on being a Director of a private day care or preschool, contact the ECE Department.

CHILD DEVELOPMENT TEACHER

CERTIFICATE OF ACHIEVEMENT

This certificate will prepare students to work in the early education and child care field, focusing on preschool age children, including California State funded and Head Start programs. After completion of this certificate (along with additional requirements listed in the note below), students may apply for the Child Development Teacher Permit issued by the Commission on Teaching Credentialing.

Note: In addition, requirements for the Child Development Teacher Permit include 16 diversified units with at least one course in each of the following General Education (graduation requirements) areas: Humanities, Social Science, Mathematics or Natural Science, and English 1A. In addition, 175 days (3 or more hours per day) of experience working with children in a child care or preschool setting, is required. Renewals are issued for five-years with verification of 105 hours of professional development.

These programs are required to possess the California Child Development (Teacher) Permit issued by Commission on Teacher Credentialing. After completing required course work of 40 total units and 175 days of experience, apply for the permit at local county schools office.

Students who complete this program should be able to:

1. Demonstrate the skills needed in order to enter the ECE workforce as a Preschool Teacher in a Title 5 Program.
2. Demonstrate their ability to identify the theories and practices of the social, emotional, creative, cognitive and physical development of young children.
3. Compare and contrast the skills necessary in working with and supporting families, diversity and program practices.
4. Demonstrate an awareness of and evaluate important factors in planning in childcare facilities and the ethical issues involved in working with young children.

REQUIRED COURSES		UNITS
ECE 1A	Principles and Practices of Teaching Young Children	3
ECE 1B	Introduction to Curriculum	3
ECE 3	Child Growth and Development.....	3
ECE 7A	Creative Materials	3
ECE 10	Health, Safety, and Nutrition.....	3
ECE 11	Observation and Assessment	3
ECE 16	Preschool Music Activities.....	3
ECE 27	Teaching in a Diverse Society	3
ECE 31	Child, Family, Community	3
ECE 46	Practicum-Field Exp-Preschool	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 30

ECE Specialization Certificates of Achievement for Master Teacher Permit:

The following Certificates of Achievement can be used as ECE Specializations when combined with the Child Development Teacher Certificate of Achievement, ECE 37 (Adult Supervision), 16 units of general education with at least one course in each of the following GE areas: humanities, social sciences, math and/or science, and English, and 350 days of experience in an instructional capacity of 3 or more hours per day in the past four years when applying for the Child Development Master Teacher Permit issued by Commission on Teacher Credentialing. Apply for the permit at the local County Office of Education.

ECE Specializations include: Arts Specialization, Children with Special Needs Specialization, Diversity in ECE Specialization, Infant and Toddler, Language and Literacy Specialization, and Teacher/Family Relationships Specialization.

ARTS SPECIALIZATION

CERTIFICATE OF ACHIEVEMENT

This certificate will prepare students to work in the child care field, focusing on an Arts Specialization for California State funded and Head Start programs. This Certificate of Achievement can be used as an ECE Specialization when combined with the Child Development Certificate of Achievement and ECE 37 (Adult Supervision). Students can then apply for the Child Development Master Teacher Permit issued by the Commission on Teaching Credentialing. For the Master Teacher Permit, 350 days of 3 or more hours per day of experience is required.

Students who complete this program should be able to:

1. Design, implement, and evaluate effective program practices to successfully implement a culturally appropriate arts curriculum in an early childhood classroom.

REQUIRED COURSES		UNITS
ECE 1A	Principles and Practices of Teaching Young Children	3
ECE 1B	Introduction to Curriculum	3
ECE 3	Child Growth and Development.....	3
ECE 7A	Creative Materials	3
ECE 10	Health, Safety, and Nutrition.....	3
ECE 11	Observation and Assessment	3
ECE 16	Preschool Music Activities.....	3
ECE 27	Teaching in a Diverse Society	3
ECE 31	Child, Family, Community	3
ECE 46	Practicum-Field Experience-Preschool OR	3
ECE 46A	Practicum-Field Exp-Infant/Toddler OR	3
ECE 46B	Practicum-Field Exp-School Age Children OR	3
ECE 46C	Practicum-Field Exp-Children With Special Needs.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 30

CHILDREN WITH SPECIAL NEEDS SPECIALIZATION

CERTIFICATE OF ACHIEVEMENT

This certificate will prepare students to work in the child care field, focusing on children with special needs, including California State funded and Head Start programs. This Certificate of Achievement can be used as an ECE Specialization when combined with the Child Development Certificate of Achievement and ECE 37 (Adult Supervision). Students can then apply for the Child Development Master Teacher Permit issued by the Commission on Teaching Credentialing. For the Master Teacher Permit, 350 days of 3 or more hours per day of experience is required.

Students who complete this program should be able to:

1. Recognize the importance of early childhood as a unique time in children's development that requires specialized developmentally appropriate activities, routines, interactions, and guidance.
2. Plan and implement a curriculum for children with special needs based on a blend of routine caregiving and play/exploration activities.
3. Learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

REQUIRED COURSES		UNITS
ECE 1A	Principles and Practices of Teaching Young Children	3
ECE 1B	Introduction to Curriculum	3
ECE 3	Child Growth and Development.....	3
ECE 10	Health, Safety, and Nutrition.....	3
ECE 11	Observation and Assessment	3
ECE 17	The Exceptional Child.....	3

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ECE 18	Curriculum and Strategies for Children with Special Needs.....	3
ECE 27	Teaching in a Diverse Society	3
ECE 31	Child, Family, Community	3
ECE 46C	Practicum-Field Exp-Children With Special Needs	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 30

DIVERSITY IN ECE SPECIALIZATION

CERTIFICATE OF ACHIEVEMENT

This certificate will prepare students to work in the child care field, focusing on working with children and families from diverse backgrounds, including California State funded and Head Start programs. This Certificate of Achievement can be used as an ECE Specialization when combined with the Child Development Certificate of Achievement and ECE 37 (Adult Supervision). Students can then apply for the Child Development Master Teacher Permit issued by the Commission on Teaching Credentialing. For the Master Teacher Permit, 350 days of 3 or more hours per day of experience is required.

Students who complete this program should be able to:

1. Design, implement, and evaluate effective program practices to successfully implement culturally appropriate practices and curriculum in an early childhood classroom.

REQUIRED COURSES	UNITS
ECE 1A Principles and Practices of Young Children	3
ECE 1B Introduction to Curriculum	3
ECE 3 Child Growth and Development.....	3
ECE 6 Early Childhood Language Development.....	3
ECE 7A Creative Materials.....	3
ECE 10 Health, Safety, and Nutrition.....	3
ECE 11 Observation and Assessment	3
ECE 16 Preschool Music Activities.....	3
ECE 27 Teaching in A Diverse Society.....	3
ECE 31 Child, Family, Community	3
ECE 37 Adult Supervision.....	2
ECE 46 Practicum-Field Experience-Preschool	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 35

INFANT AND TODDLER

CERTIFICATE OF ACHIEVEMENT

This certificate will prepare students to work in the childcare field, focusing on infants and toddlers, including California State funded and Head Start programs. Other Infant Toddler career positions can be found in private homes, child development centers, and human service agencies. This Certificate of Achievement can be used as an ECE Specialization when combined with the Child Development Certificate of Achievement and ECE 37 (Adult Supervision). Students can then apply for the Child Development Master Teacher Permit issued by the Commission on Teaching Credentialing. For the Master Teacher Permit, 350 days of 3 or more hours per day of experience is required.

Students who complete this program should be able to:

1. Evaluate and analyze the use of different developmental theories and instructional strategies that encourage development of critical thinking, problem solving, and performance skills when working with infants and toddlers and their families.
2. Recognize the importance of early childhood (emphasis on infancy) as a unique time in children's development that requires specialized developmentally appropriate activities, routines, interactions, and guidance.

3. Plan and implement a curriculum based on a blend of routine caregiving and play/exploration activities.
4. Learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

REQUIRED COURSES	UNITS
ECE 1A Principles and Practices of Teaching Young Children	3
ECE 1B Introduction to Curriculum	3
ECE 3 Child Growth and Development.....	3
ECE 10 Health, Safety, and Nutrition.....	3
ECE 11 Observation and Assessment	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, Community	3
ECE 43 Care and Education for Infants and Toddlers.....	3
ECE 33 Infants and Toddlers OR	3
ECE 42 Infant/Toddler Development	3
ECE 46A Practicum-Field Exp-Infant/Toddler	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 30

LANGUAGE AND LITERACY SPECIALIZATION

CERTIFICATE OF ACHIEVEMENT

This certificate will prepare students to work in the child care field, focusing on working with children and families, including California state-funded and Head Start programs. This certificate will prepare the students to specialize in identifying and creating developmental appropriate language and literacy curriculum in an early childhood setting. This Certificate of Achievement can be used as an ECE Specialization when combined with the Child Development Certificate of Achievement. Students can then apply for the Child Development Master Teacher Permit issued by the Commission on Teaching Credentialing. For the Master Teacher Permit, 350 days of 3 or more hours per day of experience is also required.

Students who complete this program should be able to:

1. Demonstrate effective program practices to successfully design, implement, and evaluate effective literacy practices in an early childhood classroom.
2. Demonstrate understanding of how to select and use developmentally appropriate and culturally appropriate literature for children 0-8 years.
3. Utilize knowledge of appropriate language and literacy practices for young children in order to set up an effective language and literacy early childhood classroom environment.

REQUIRED COURSES	UNITS
ECE 1A Principles and Practices of Teaching Young Children	3
ECE 1B Introduction to Curriculum	3
ECE 3 Child Growth and Development.....	3
ECE 6 Early Childhood Language Development.....	3
ECE 10 Health, Safety, and Nutrition.....	3
ECE 11 Observation and Assessment	3
ECE 27 Teaching in a Diverse Society	3
ECE 31 Child, Family, Community	3
ECE 37 Adult Supervision.....	2
ECE 39 Children's Literature.....	3
ECE 46 Practicum-Field Experience-Preschool OR	3
ECE 46A Practicum-Field Exp-Infant/Toddler OR	3
ECE 46B Practicum-Field Exp-School Age Children OR	3
ECE 46C Practicum-Field Exp-Children With Special.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 32

SCHOOL AGE CHILDREN

CERTIFICATE OF ACHIEVEMENT

The coursework within this Certificate of Achievement is required to apply and possess the California Child and School Age Emphasis Teacher Permit issued by the Commission on Teacher Credentialing. After completing required course work of 40 total units and 175 days of experience, students will be eligible to apply for the Permit at the local County Office of Education.

Students who complete this program should be able to:

1. Design, implement, and evaluate effective school age program practices to successfully implement a developmentally appropriate school age curriculum in an after school or latchkey classroom serving families and children 5-12 years of age.
2. Recognize the importance of early childhood (emphasis on school-age years) as a unique time in children's development that requires specialized developmentally appropriate activities, routines, interactions, and guidance.
3. Plan and implement a curriculum based on a blend the theory of industry versus inferiority as a guide to routines and activities.

REQUIRED COURSES		UNITS
ECE 1A	Principles and Practices of Teaching Young Children	3
ECE 1B	Introduction to Curriculum	3
ECE 3	Child Growth and Development.....	3
ECE 7A	Creative Materials.....	3
ECE 10	Health, Safety, and Nutrition.....	3
ECE 11	Observation and Assessment	3
ECE 14	The School Age Child	3
ECE 27	Teaching in a Diverse Society	3
ECE 31	Child, Family, Community	3
ECE 46B	Practicum-Field Exp-School-Age Children	3

TOTAL UNITS REQUIRED FOR CERTIFICATE **30**

SITE SUPERVISOR

CERTIFICATE OF ACHIEVEMENT

This Certificate of Achievement is required to possess the California Child Development (Site Supervisor) Permit issued by the Commission on Teacher Credentialing. After completing required course work of 60 total units (including 24 ECE and 16 GE) and 350 days of 3 or more hours per day of experience within 4 years, including at least 100 days of supervising adults, you may apply for the California Child Development (Site Supervisor) Permit issued by Commission on Teacher Credentialing through your local County Office of Education. Please see the Child Development Permit Matrix for required course work.

Students who complete this program should be able to:

1. Proficiently design developmentally appropriate curriculum, and demonstrate effective implementation using intentional teaching methods that scaffold children's co-construction of knowledge through exploration, risk-taking, reflection, and the respectful inclusion and support of individual life experiences.
2. Build partnerships with local, national and international resource organizations in order to advocate effectively for the needs of children and families and to grow in professional skills.
3. Promote higher levels of child learning through the use of intentional teaching methods that support the unique development of every child.

REQUIRED COURSES		UNITS
ECE 1A	Principles and Practices of Teaching Young Children	3

ECE 1B	Introduction to Curriculum	3
ECE 2A	Administration I: Programs in Early Childhood Education.....	3
ECE 2B	Administration of Children's Centers	3
ECE 3	Child Growth and Development.....	3
ECE 10	Health, Safety, and Nutrition.....	3
ECE 11	Observation and Assessment	3
ECE 27	Teaching in a Diverse Society	3
ECE 31	Child, Family, Community	3
ECE 37	Adult Supervision.....	2
ECE 46	Practicum-Field Experience-Preschool OR	3
ECE 46A	Practicum-Field Exp-Infant/Toddler OR	3
ECE 46B	Practicum-Field Exp-School Age Children OR	3
ECE 46C	Practicum-Field Exp-Children With Special Needs.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE **32**

TEACHER/FAMILY RELATIONSHIPS SPECIALIZATION

CERTIFICATE OF ACHIEVEMENT

This certificate will prepare students to work in the child care field, focusing on working with children and families, including California State funded and Head Start programs. This certificate will prepare the students to specialize in work with the families of young children, including work as a home visitor, family advocate and family service plan coordinator. This Certificate of Achievement can be used as an ECE Specialization when combined with the Child Development Certificate of Achievement. Students can then apply for the Child Development Master Teacher Permit issued by the Commission on Teacher Credentialing. For the Master Teacher Permit, 350 days of 3 or more hours per day of experience is also required.

Students who complete this program should be able to:

1. Demonstrate effective program practices to successfully implement culturally appropriate practices in working with families in an early childhood classroom.
2. Demonstrate communication strategies in order to develop effective Teacher/Family partnerships with families that benefit the child enrolled in an early childhood program.
3. Demonstrate knowledge and understanding of the challenges facing the diverse families of the children in their community.

REQUIRED COURSES		UNITS
ECE 1A	Principles and Practices of Teaching Young Children	3
ECE 1B	Introduction to Curriculum	3
ECE 3	Child Growth and Development.....	3
ECE 31	Child, Family, Community	3
ECE 32	Parenting.....	3
ECE 35	Parents as Partners in ECE.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE **18**

TRANSITIONAL KINDERGARTEN AND EARLY EDUCATION

CERTIFICATE OF ACHIEVEMENT

The Transitional Kindergarten (TK) and Early Education Certificate of Achievement will fulfill the Early Childhood Education/Child Development units required for the newly passed law based on Transitional Kindergarten Senate Bill 837. The law states that a credential (or preliminary credentialed) teacher must have 24 units of early childhood education/child development to teach transitional kindergarten in a California school district. This certificate will provide preliminary and credentialed K-8 teachers the units that cover the knowledge, skills, and strategies to teach effectively in a transitional

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kindergarten classroom. This certificate will also provide the coursework recommended for those planning to work with children in transitional kindergarten through 3rd grade classroom settings.

Students who complete this program should be able to:

1. Recognize the importance of early childhood as a unique time in children's development that requires specialized developmentally appropriate activities, routines, interactions, and guidance
2. Plan and implement a curriculum based on a blend of routine caregiving and play/exploration activities
3. Learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

REQUIRED COURSES		UNITS
ECE 1A	Principles and Practices of Teaching Young Children	3
ECE 1B	Introduction to Curriculum	3
ECE 1C	Positive Social Development in Young Child.....	3
ECE 3	Child Growth and Development.....	3
ECE 11	Observation and Assessment	3
ECE 17	The Exceptional Child.....	3
ECE 27	Teaching in a Diverse Society	3
ECE 31	Child, Family, Community	3

TOTAL UNITS REQUIRED FOR CERTIFICATE **24**

CHILD DEVELOPMENT ASSOCIATE TEACHER CERTIFICATE OF TRAINING

The Early Childhood Education Certificate of Training prepares those entering the field of Early Childhood Education, entry level skills in a private preschool or daycare program. This certificate meets the academic requirements for the Associate Teacher level on the California Department of Education Child Development Permit Matrix. In order to obtain this Permit, you must also complete 50 days of experience at 3+ hours a day within 2 years and apply through the County Office of Education.

Students who complete this program should be able to:

1. Exhibit cultural competence through the development of intentional practices with respect to diversity and the inclusion of all children, families, staff, and communities
2. Proficiently design developmentally appropriate curriculum, and demonstrate effective implementation using international teaching methods that scaffolds childrens co-construction of knowledge through exploration, risk-taking, reflection, and the respectful inclusion and support of individual life experience.
3. Promote higher levels of child learning through the use of international teaching methods that support the unique development of every child.
4. Use understanding of cognitive development and apply it to their roles as curious, confident, life-long constructors of knowledge.

REQUIRED COURSES		UNITS
ECE 1A	Principles and Practices of Teaching Young Children	3
ECE 1B	Introduction to Curriculum	3
ECE 3	Child Growth and Development.....	3
ECE 31	Child, Family, Community	3

TOTAL UNITS REQUIRED FOR CERTIFICATE **12**

COURSES

ECE-1A **3 UNITS**

Principles and Practices of Teaching Young Children

TRANSFERABLE TO CSU

C-ID: ECE 120

54 LECTURE HOURS

An examination of the underlying historical contexts and theoretical perspectives of developmentally appropriate practices in early care and education for children birth through age eight. Explores the typical roles and expectations of early childhood educators. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning growth, and development. (L)

ECE-1B **3 UNITS**

Introduction to Curriculum

TRANSFERABLE TO CSU

C-ID: ECE 130

This course presents developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of children's development, theories of learning and development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support children's development and learning integrated throughout indoor and outdoor settings.

Prerequisite(s): ECE-1A; ECE-3

Enrollment requirements: Students must have a current TB Test Clearance within one year, proof of Vaccinations for MMR and Tdap. Students must also have a current (within one year) Influenza vaccination or signed waiver.

ECE-1C **3 UNITS**

Positive Social Development Young Child

TRANSFERABLE TO CSU

54 LECTURE HOURS

This course is designed to help teachers and caregivers of young children to establish relationships with children and apply principles of behavior management. Basic principles include helping young children develop positive self-esteem, enter into group play, form friendships and learn prosocial behavior.

ECE-2A **3 UNITS**

Administration I: Programs in Early Childhood Education

TRANSFERABLE TO CSU

54 LECTURE HOURS

Introduction to the administration of early childhood programs. Covers program types, budget, management, regulations, laws, development and implementation of policies and procedures. Examines administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program for diverse children and families.

ECE-2B **3 UNITS**

Administration of Children's Centers

TRANSFERABLE TO CSU

54 LECTURE HOURS

This course presents developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of children's development, theories of learning and

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development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support children's development and learning integrated throughout indoor and outdoor settings.

ECE-3 3 UNITS

Child Growth and Development

TRANSFERABLE TO CSU AND UC

C-ID: CDEV 100

54 LECTURE HOURS

Examines the progression of development in the physical, cognitive, social, and emotional domains and identifies developmental milestones for children from conception through adolescence. Emphasis on interactions between biological processes and environmental factors. Students will observe children, evaluate individual differences, and analyze characteristics of development at various stages according to developmental theories.

ECE-6 3 UNITS

Early Childhood Language Development

TRANSFERABLE TO CSU

54 LECTURE HOURS

Language development and influences in early childhood including theories of language acquisition, interrelatedness of growth, stages of development, and appropriate curriculum for enhancing speaking, listening, pre-reading, and pre-writing skills.

ECE-7A 3 UNITS

Creative Materials

TRANSFERABLE TO CSU

54 LECTURE HOURS

Creative activities for young children (2-8 years old) including the planning and implementation of painting, drawing, printmaking, weaving, stitchery, collage, sculpture, puppet-making, and modeling materials. Students will learn to develop a relationship with creative media. (L)

Limitations on Enrollment: Course not open for credit for students with credit in ART-7A.

ECE-10 3 UNITS

Health, Safety, and Nutrition

TRANSFERABLE TO CSU

C-ID: ECE 220

54 LECTURE HOURS

Laws, regulations, standards, policies, procedures and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher's role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines and overall risk management. (L)

ECE-11 3 UNITS

Observation and Assessment

TRANSFERABLE TO CSU

C-ID: ECE 200

54 LECTURE HOURS

This course Introduces the appropriate use of assessment and observation tools and strategies to document young children's development and learning, including typical and atypical development. The use of findings to inform and plan learning environments and experiences are emphasized. Recording strategies, rating systems, portfolios, and multiple assessment tools will be discussed, along with strategies for collaboration with diverse families and professionals.

ECE-14 3 UNITS

The School Age Child

TRANSFERABLE TO CSU

54 LECTURE HOURS

Students will be introduced to the fundamentals of planning, implementing, and evaluating programs for the school-age child (TK-8). Emphasis will be placed on day-to-day program operation, teaching strategies, developmental levels of the school-age child and age appropriate activities. A field trip may be utilized to enhance classroom instruction.

ECE-16 3 UNITS

Preschool Music Activities

TRANSFERABLE TO CSU

54 LECTURE HOURS

Provides a foundation for musical experiences to involve young children in music by developing listening skills, movement, singing, playing an instrument, and incorporating the three basic elements of rhythm, melody, and harmony. Students build a resource file and create developmentally appropriate lesson plans that include music activities for transitions and cultural diversity. Introduces a variety of instruments appropriate for young children.

ECE-17 3 UNITS

Introduction to Young Children with Special Needs

TRANSFERABLE TO CSU

54 LECTURE HOURS

Introduces the variations in development of children with special needs ages birth through eight and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to children with special needs, and the Identification and referral process.

ECE-18 3 UNITS

Curriculum and Strategies for Children with Special Needs

TRANSFERABLE TO CSU

54 LECTURE HOURS

Covers curriculum and intervention strategies for working with children with special needs in partnership with their families. Focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. Includes the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence.

ECE-25 3 UNITS

Group Experiences in Outdoor Environment

TRANSFERABLE TO CSU

54 LECTURE HOURS

This course covers the structure and management of the Large Group/ Circle Time component of Early Childhood Programs, including application of circle time techniques to support Social/Emotional Development, Language Development, Creative Development. Developing creative outdoor learning environments including playgrounds, activities and cooperative games will be included. This course also covers the legal requirements for playgrounds as well as techniques for moving the inside classroom outdoors, the benefits of nature on development, and sharing outside spaces with children.

ECE-27

3 UNITS

Teaching in a Diverse Society

TRANSFERABLE TO CSU

C-ID: ECE 230

54 LECTURE HOURS

Examines the historical and current perspectives on diversity and inclusion and the impact of systemic societal influences on children's development, learning, and school experiences. Strategies for developmentally, culturally, and linguistically appropriate anti-bias curriculum will be explored as well as approaches to promote inclusive and anti-racist classroom communities. Includes self-reflection on the influence of teachers' own culture and life experiences on teaching and interactions with children and families.

ECE-31

3 UNITS

Child, Family, Community

TRANSFERABLE TO CSU AND UC

C-ID: CDEV 110

54 LECTURE HOURS

The processes of socialization focusing on the interrelationship of family, school, and community. Examines the influence of multiple societal contexts. Explores the role of collaboration between family, community, and schools in supporting children's development, birth through adolescence.

ECE-32

3 UNITS

Parenting

TRANSFERABLE TO CSU

54 LECTURE HOURS

Social competence techniques, advice, and demonstration of responsibility, which encourage positive parenting styles and effective child-rearing and guidance procedures. Focus will be creating and building positive interaction patterns and increasing levels of communication between family members, care givers, and the community.

ECE-35

3 UNITS

Parents as Partners in ECE

TRANSFERABLE TO CSU

54 LECTURE HOURS

An in-depth study of the relationship between parents, teachers and children in the education process. Topics include communication skills necessary for parent-teacher conferences, increasing parent volunteer involvement, family lifestyles, families with special needs, leadership and advocacy. Intended for experienced teachers. (L)

ECE-37

2 UNITS

Adult Supervision

TRANSFERABLE TO CSU

36 LECTURE HOURS

This course explores methods and principles of supervising student teachers in the ECE classrooms. Emphasis is on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents, and other staff.

ECE-39

3 UNITS

Children's Literature

TRANSFERABLE TO CSU

54 LECTURE HOURS

An introduction to children's literature: history, elements, and types of books of interest to children from birth through twelve years old. Students will read, share, and evaluate classical, cultural, and award-winning books. Methods of selecting and evaluating books will be applied.

ECE-42

3 UNITS

Infant/Toddler Development

TRANSFERABLE TO CSU

54 LECTURE HOURS

A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasis on relational health, the role of families and culture on growth and development, and collaboration between care providers and families.

ECE-43

3 UNITS

Care and Education for Infants and Toddlers

TRANSFERABLE TO CSU

54 LECTURE HOURS

Applies current theory and research to the care and education of infants and toddlers in group settings. Examines essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months.

ECE-46

3 UNITS

Practicum-Field Experience-Preschool

TRANSFERABLE TO CSU

C-ID: ECE 210

18 LECTURE HOURS

108 LAB HOURS

This course includes demonstration of developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals in a preschool setting. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities.

Prerequisite(s): ECE-1A; ECE-1B; ECE-3; ECE-31

Enrollment Requirements: Student must have a current TB Test Clearance within one year, proof of Vaccinations for MMR and Tdap. Students must also have a current (within one year) Influenza vaccination or signed waiver.

ECE-46A

3 UNITS

Practicum - Field Experience Infant/Toddler

TRANSFERABLE TO CSU

C-ID: ECE 210

18 LECTURE HOURS

108 LAB HOURS

This course includes demonstration of developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals in an infant/toddler setting. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities, and teacher responsibilities working with infants/toddlers.

Co-requisite: ECE-42 or ECE-43

Prerequisite(s): ECE-1A; ECE-1B; ECE-3; ECE-31

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Enrollment Requirements: Students must have a current TB Test Clearance within one year, proof of Vaccinations for MMR and Tdap. Students must also have a current (within one year) Influenza vaccination or signed waiver.

ECE-46B**3 UNITS**

Practicum - Field Experience - School Age Children

TRANSFERABLE TO CSU**C-ID: ECE-210****18 LECTURE HOURS****108 LAB HOURS**

This course includes demonstration of developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals in a preschool setting. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities working with school age children.

Co-requisite: ECE-14**Prerequisite(s):** ECE-1A; ECE-1B; ECE-3; ECE-31

Enrollment Requirements: Students must have a current TB Test Clearance within one year, proof of Vaccinations for MMR and Tdap. Students must also have a current (within one year) Influenza vaccination or signed waiver.

ECE-46C**3 UNITS**

Practicum - Field Experience - Children With Special Needs

TRANSFERABLE TO CSU**C-ID: ECE-210****18 LECTURE HOURS****108 LAB HOURS**

This course includes demonstration of developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals in a preschool setting. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teachers' responsibilities working with children with special needs in a preschool setting.

Co-requisite: ECE-17 or ECE-18**Prerequisite(s):** ECE-1A; ECE-1B; ECE-3; ECE-31

Enrollment Requirements: Students must have a current TB Test Clearance within one year, proof of Vaccinations for MMR and Tdap. Students must also have a current (within one year) Influenza vaccination or signed waiver.

Ecology

ENVIRONMENTAL SCIENCE

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science degree in Environmental Science for Transfer (AS-T) is intended to provide students with the first two years of core curriculum leading to a bachelor's degree in Environmental Science at a California State University. This interdisciplinary field focuses on how humans interact with their surroundings. Careers in environmental science include conducting research or advising policy at government agencies (such as the National Park Service or Environmental Protection Agency), environmental consulting, or conducting health inspections.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Demonstrate an understanding of topics revolving around the interactions between humans and their environment. This could be illustrated by knowledge of species interactions, natural cycles, environmental issues, or other topics.
2. Apply the scientific method by creating or assessing hypotheses, conducting experiments, correctly analyzing and interpreting data, and effectively communicating findings.
3. Practice decision making and problem solving by applying existing scientific research to environmental issues.

REQUIRED COURSES

	UNITS
BIOL 1 Principles of Biology.....	5
CHEM 1A General Chemistry.....	5
CHEM 1B General Chemistry.....	5
ECOL 10 Environment-Concepts and Issues.....	3
ECON C2001 Principles of Microeconomics.....	3
GEOL 10L Physical Geology.....	4

Complete one course from:

MATH 1A Single Variable Calculus I - Early Transcendentals OR.....	4
MATH 9 Calculus for Business, Social and Life Sciences.....	4

Complete one course from:

PSYCH 6 Introduction to Statistics in Social and Behavioral Science OR	4
STAT C1000 Introduction to Statistics.....	4

Complete eight units from one of the following groups:

PHYS 2A General Physics I.....	3
PHYS 3A General Physics Laboratory I.....	1
PHYS 2B General Physics II.....	3
PHYS 3B General Physics Laboratory II.....	1

OR

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PHYS 4A	Mechanics	4
PHYS 4B	Electromagnetism.....	4
TOTAL UNITS REQUIRED FOR DEGREE MAJOR		41

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

COURSES

ECOL-10 3 UNITS

Environment-Concepts and Issues

TRANSFERABLE TO CSU AND UC
C-ID: ENVS 110
54 LECTURE HOURS

The course presents fundamental physical, chemical, and biological principles in examining how natural ecosystems function and how human actions affect natural ecosystems. Emphasis is placed on the role of science in determining causes and in contributing sustainable solutions to local and global environmental problems. Topics include ecological principles, biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management. Grades are P/NP Option.

ECOL-11 1 UNIT

Environment Lab

TRANSFERABLE TO CSU AND UC
54 LAB HOURS

Laboratory and field studies demonstrating the systematic study of both the biological and physical components of ecosystems, especially as seen in local organisms and ecosystems. Grades are P/NP Option.

Co-requisite: ECOL-10

ECOL-12 3 UNITS

Marine Ecology

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This course is an introduction to marine biology. It includes the study of marine vertebrates and invertebrates; the ecology of coastal, open ocean, sea floor, coral reef, and tide pool ecosystems; sea water, tides, and currents. The course also includes a study of global human impacts upon the marine environment. Grades are P/NP Option.

Economics

ECONOMICS

ASSOCIATE IN ARTS FOR TRANSFER

Economics is the study of how the individual or society allocates scarce resources to satisfy unlimited wants.

The Associate in Arts in Economics for Transfer is designed to prepare students for a seamless transfer into the California State University (CSU) system to complete a baccalaureate degree in Economics or similar major. Students interested in transferring to a CSU campus to pursue a bachelor's degree in Economics should meet with a counselor to confirm the courses required for lower-division preparation in the major.

For Economics majors with the goal of applying to CSU as well as the University of California (UC), there is considerable overlap in coursework; students who are applying to UC should opt to take both

MATH 1A and 1B. Students completing a bachelor's or more advanced degree in Economics may find employment as market researchers, educators, budget analysts, statisticians, economists, or government or banking employees.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Explain terms and concepts used in macroeconomics and microeconomics.
2. Apply critical thinking skills to evaluate the credibility of economic theories, concepts, and research.
3. Solve problems requiring the application of economics, statistics, and mathematics.

REQUIRED COURSES

ECON C2001	Principles of Microeconomics	3
ECON C2002	Principles of Macroeconomics	3
STAT C1000	Introduction to Statistics OR	4
PSYCH 6	Introduction to Statistics in Social and Behavioral Science	4
MATH 1A	Single Variable Calculus I - Early Transcendentals OR	4
MATH 9	Calculus for Business, Social and Life Sciences.....	4

List A: Complete 3-5 units from the following:

ACCT 11	Principles of Accounting-Financial.....	4
ACCT 12	Principles of Accounting-Managerial	5
MATH 1B	Single Variable Calculus II - Early Transcendentals.....	4
COMSC 9A	C++ Programming OR	4
COMSC 12	Java Programming	3

List B: Complete 3-4 units from the following:

Any course in List A not already used	3-4
MATH 1C Multivariable Calculus	4
MATH 3 Linear Algebra	3
POLSC 7 International Relations	3
PSYC C1000 Introduction to Psychology	3
SOCIL 1 Introduction to Sociology.....	3

TOTAL UNITS FOR DEGREE MAJOR 20-23

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

COURSES

ECON-C2001 (formerly ECON-1B) 3 UNITS

Principles of Microeconomics

TRANSFERABLE TO CSU AND UC
C-ID: ECON 201
54 LECTURE HOURS

An introductory course using microeconomic models to understand individual decisions by consumers and firms, market outcomes including

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market failure, elasticity, market structures, labor markets, inequality, and the impact of government policies.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

ECON-C2002 (formerly ECON-1A)**3 UNITS**

Principles of Macroeconomics

TRANSFERABLE TO CSU AND UC**C-ID: ECON 202****54 LECTURE HOURS**

An introductory course using models of the domestic and international economy to understand national income, unemployment, inflation, economic growth, inequality, the financial system, and monetary, fiscal, and other economic policies.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

Education

COURSES

EDUC-1**3 UNITS**

Introduction To Teaching With Field Experience

TRANSFERABLE TO CSU AND UC**C-ID: EDUC 200****36 LECTURE HOURS****54 LAB HOURS**

This course introduces students to the concepts and issues related to teaching diverse learners in today's contemporary schools, Kindergarten through Grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in public school elementary classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher.

Advisory: ENGL-C1000 or ENGL-C1000E or ESL-1A

Entrance Requirement(s): May require TB testing and fingerprint clearance.

EDUC-20**1 UNIT**

Tutoring Seminar

TRANSFERABLE TO CSU**18 LECTURE HOURS**

Tutor training involving the role and function of tutoring, the phases through which each tutoring session should progress, the behaviors of tutors and tutees during tutoring activities and the principal strategies by which the business of teaching and learning is handled in tutorials. (L)

Emergency Medical Technician

COURSES

EMT-61**7 UNITS**

Emergency Medical Technician

112 LECTURE HOURS**58 LAB HOURS**

The EMT program is a comprehensive curriculum that provides knowledge and critical thinking skills necessary to provide Emergency Medical Care in a pre-hospital environment. Academic rigor encompasses legal and moral aspects, scene safety, primary and secondary patient assessments, intervention and stabilization skills, proper use of emergency medical equipment, awareness of blood-borne pathogens and communicable diseases, recognizing signs and symptoms, and pathophysiology of medical emergencies and traumatic injuries. Practical skills training includes hands-on skills training and interactive simulations. This course meets EMT curriculum requirements of the California Code of Regulations Title 22, the California EMS Authority and the National Registry of Emergency Medical Technicians (NREMT). Upon successful completion, students are eligible to take the National Registry EMT certifying examination and qualify for a California State EMT certification. (L)

Prerequisite(s): EMT-510 or Current American Heart Association Basic Life Support CPR certification that will not expire during the course.

EMT-510**0 UNITS**

Health Care Provider CPR

8 LECTURE HOURS**3 LAB HOURS**

The American Heart Association's new basic life support course includes science and education from the 2015 Guidelines Update for CPR and ECC. This course teaches both single-rescuer and team basic life support skills for application in both prehospital and in-facility environments, with a focus on high-quality CPR and team dynamics. Grades are Satisfactory Progress (Noncredit).

EMT-552**0 UNITS**

EMT-I Refresher

16 LECTURE HOURS**8 LAB HOURS**

Designed to provide the student with review, up-date information, and skills assessment necessary for pre-hospital care of medical and traumatic emergencies. Includes AED instruction. Satisfies National Registry instruction and State requirements for EMT-1 refresher certification. (L) Grades are P/NP Only.

Entrance Requirement(s): Current certification as EMT-1.

English

ENGLISH

ASSOCIATE IN ARTS FOR TRANSFER

The Associate in Arts in English for Transfer degree gives students a broad background in writing, literature, and language analysis. It prepares students for the further study of English or a related field at a four-year school. As such, the AA-T in English is a good gateway toward a bachelor's degree in English and later a career in teaching, law, technical writing, creative writing, editing/publishing, marketing, or any occupation requiring clear communication skills.

The Associate in Arts in English for Transfer specifically provides a clearly articulated curricular track for students who wish to transfer to a California State University campus, while also serving the diverse needs of students interested in the breadth and depth of the field of English. This degree also exposes students to the core principles and practices of the field in order to build a foundation for their future personal or academic paths.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Analyze the effects of their rhetorical choices.
2. Critically analyze a variety of texts.
3. Demonstrate proficiency in the academic writing process.
4. Explain the relevance of literary expression.
5. Analyze and interpret literary works with respect to their historical, cultural, and sociopolitical contexts.

REQUIRED COURSES	UNITS
ENGL C1003 Critical Thinking and Writing Through Literature	4

List A: Complete two courses from the following:

ENGL 30A	Introduction to American Literature I	3
ENGL 30B	Introduction to American Literature II	3
ENGL 46A	Introduction to British Literature I	3
ENGL 46B	Introduction to British Literature II	3

List B: Complete two courses from the following:

Any course from List A not already used.....	3
ENGL 31A Creative Writing I: Introduction to the Genres.....	3
ENGL 36 American Ethnic Voices.....	3
ENGL 37 Women's Voices.....	3
ENGL 42 Introduction to Shakespeare.....	3

List C: Complete one course from the following:

Any course from List A or List B not already used	3
ENGL C1001 Critical Thinking and Writing.....	3
ENGL 34 Introduction To Film.....	3
ENGL 38 Classic and Contemporary Youth Literature.....	3
ENGL 39 LGBTQ+ Literature and Film.....	3
HUMAN 34 Introduction To Film.....	3
FTVE 19 News Writing and Reporting.....	3
SPECH 2 Oral Interpretation of Literature	3
THART 34 Introduction To Film.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 19

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

ENGLISH

ASSOCIATE IN ARTS

Students who complete this program should be able to:

1. Make effective rhetorical choices based on an accurate analysis of rhetorical context.
2. Analyze and interpret works from different historical and cultural traditions using appropriate conventions of literary analysis.
3. Apply reading strategies in order to critically analyze texts.
4. Gather, evaluate, and effectively integrate research materials.

REQUIRED COURSES		UNITS
ENGL C1001	Critical Thinking and Writing About Literature	4
ENGL 30A	Introduction to American Literature I OR	3
ENGL 30B	Introduction to American Literature II	3
ENGL 46A	Introduction to British Literature I OR	3
ENGL 46B	Introduction to British Literature II	3

Complete a minimum of nine units from the following:

ENGL 1C	Critical Thinking/Advanced Composition	3
ENGL 30A	Introduction to American Literature I (if not already used)	3
ENGL 30B	Introduction to American Literature II (if not already used)	3
ENGL 31A	Creative Writing I: Introduction to the Genres	3
ENGL 31B	Creative Writing II: Writing and Editing for Publication	3
ENGL 34	Introduction To Film	3
ENGL 36	American Ethnic Voices	3
ENGL 37	Women's Voices	3
ENGL 38	Classic and Contemporary Youth Literature	3
ENGL 40A	Tutoring Reading and Writing I	1
ENGL 40B	Tutoring Reading and Writing II	1
ENGL 40C	Tutoring Reading and Writing III	1
ENGL 42	Introduction to Shakespeare	3
ENGL 46A	Introduction To British Literature I (if not already used)	3
ENGL 46B	Introduction To British Literature II (if not already used)	3
HUMAN 34	Introduction to Film	3
MCOMM 8	Introduction to Media Writing	3
MCOMM 19	News Writing and Reporting	3
MCOMM 20A	News Media Production 1	3
THART 34	Introduction to Film	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 19

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COURSES

ENGL-C1000 (formerly ENGL-1A)

4 UNITS

Academic Reading and Writing

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT

C-ID: ENGL 100

72 LECTURE HOURS

In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. Students practice expository and argumentative writing, close reading, cogent thinking, research strategies, information literacy, and documentation. Focus is on the integration of reading, writing, and communication skills. Students will write a minimum of 5000 words of formal writing across major assignments.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process.

Limitations on Enrollment: Course not open for credit to students with credit in ENGL-C1000E or ESL-1A.

ENGL-C1000E (formerly ENGL-1E)

5 UNITS

Academic Reading and Writing

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT

C-ID: ENGL-100

90 LECTURE HOURS

In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. This course includes embedded support. Emphasis on developing academic mindsets and student skills. Students practice expository and argumentative writing, close reading, cogent thinking, research strategies, information literacy, and documentation. Focus is on the integration of reading, writing, and communication skills. Students will write a minimum of 5000 words of formal writing across major assignments.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process.

Limitations on Enrollment: Course not open for credit to students with credit in ENGL-C1000 or ESL-1A.

ENGL-C1001 (formerly ENGL-1C)

3 UNITS

Critical Thinking and Writing

TRANSFERABLE TO CSU AND UC

C-ID: ENGL 105

54 LECTURE HOURS

In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strategies developed in ENGL C1000 College Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. Focus is on the principles and development of logical and analytical reasoning, argumentative writing, and rhetoric (invention, arrangement, style, memory, delivery, modes of discourse, audience). Students will write a minimum of 5,000 words over the course of the semester.

Prerequisite(s): ENGL-C1000 or ENGL-C1000E

ENGL-C1003 (formerly ENGL-1B)

4 UNITS

Critical Thinking and Writing Through Literature

TRANSFERABLE TO CSU AND UC

C-ID: ENGL-110, ENGL 120

72 LECTURE HOURS

In this course, students receive instruction in analytical, critical, and

argumentative writing. Students develop critical thinking, close reading and literary analysis skills, research strategies, information literacy, and knowledge of accurate documentation through the study of diverse literary works from a variety of literary genres, developing an appreciation for literature.

Includes the analysis of prose, poetry, drama, and criticism from diverse cultural sources and perspectives, and an emphasis on the techniques and principles of effective written argument. Students complete a minimum 5,000 words of revised formal writing.

Prerequisite(s): ENGL-C1000 or ENGL-C1000E or ESL-1A

ENGL-30A

3 UNITS

Introduction To American Literature I

TRANSFERABLE TO CSU AND UC

C-ID: ENGL-130

54 LECTURE HOURS

A survey of American literature from its beginnings in 1620 to 1865. The course readings and discussion cover the evolution of literary traditions, contexts, and genres during that time period. Writers include, among others, Bradstreet, Taylor, Franklin, Emerson, Thoreau, Hawthorne, Melville, Poe, Whitman, Dickinson. Special attention will be paid to major literature genres, themes, and historical backgrounds.

Advisory: Successful completion of ENGL-1A or ENGL- 1E strongly recommended.

ENGL-30B

3 UNITS

Introduction To American Literature II

TRANSFERABLE TO CSU AND UC

C-ID: ENGL-135

54 LECTURE HOURS

A survey of American Literature from 1865 through the early 21st Century. Writers covered include, among others, Clemens, Du Bois, James, Wharton, Frost, Faulkner, Hemingway, Hughes, Brooks, Wright, Roth, Rich, and Morrison.

Advisory: Successful completion of ENGL-1A or ENGL-1E strongly recommended.

ENGL-31A

3 UNITS

Creative Writing I: Intro to the Genres

TRANSFERABLE TO CSU

C-ID: ENGL-200

54 LECTURE HOURS

Introduction to the craft of writing poetry, drama, fiction, and creative non-fiction. Conducted primarily as a workshop in which students analyze examples by professional writers in the various genres, write original pieces in the various genres, practice and apply specific craft techniques, and critique their own work and the work of other students.

ENGL-34

3 UNITS

Introduction to Film

TRANSFERABLE TO CSU AND UC

54 LECTURE HOURS

Study of film as art and its influence on society, including interpretation, criticism, and technical developments; students view and discuss full-length feature films. (L)

Limitations on Enrollment: Course not open for credit for students with credit in HUMAN-34 or THART-34.

ENGL-36

3 UNITS

American Ethnic Voices

TRANSFERABLE TO CSU AND UC

54 LECTURE HOURS

Survey of selected American ethnic writers of African, European, Native

(CONT'D FROM PREVIOUS PAGE)

American, Central/South American, Mexican-American, Asian, and Middle Eastern descent, focusing on how these writings contribute to the dialogue of American voices and how the writings both reflect and shape a definition of American Culture.

ENGL-37**3 UNITS**

Women's Voices

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

An exploration of the thematic and stylistic elements of literature by and about women. Texts will be selected from a variety of ethnic groups in the United States and/or the world with an emphasis on the ways women's lives have been shaped by societal expectations: gender roles, sexuality identity and expression, socio-economic status, and ethnic and/or religious identities. The course will also focus on the ways that historical and ancient cultures are a foundation for understanding contemporary women's literature.

ENGL-38**3 UNITS**

Classic and Contemporary Youth Literature

TRANSFERABLE TO CSU AND UC
C-ID: ENGL 180
54 LECTURE HOURS

Examines representative works of children's and young adult literature, with emphasis on developing students' close reading and analytical writing skills while promoting an appreciation for the aesthetic qualities of literature directed at young people. Emphasizes contemporary texts, classic works, and the socio-historical contexts of children's and YA literature. Explores common literary elements and subgenres, such as fantasy and the quest, the school story, fable and folk tale, cautionary tales, and coming-of-age stories. Emphasizes literature from diverse authors and communities. (L)

ENGL-39**3 UNITS**

LGBT+ Literature and Film

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

A course that focuses on the work of lesbian, gay, bisexual, transgender, queer, questioning, intersex, asexual, and pansexual (LGBTQ+) authors and filmmakers and introduces students key themes, historical contexts, and theoretical frameworks. Readings and viewings will examine the representation of "queer" identities in modern literature and film and how LGBTQ+ artists have responded to dominate cultural ideas about gender and sexuality in their work. The course will emphasize how LGBTQ+ authors of diverse backgrounds and cultures have contributed to the major artistic movements of the 20th and 21st centuries while producing their own creative traditions. Grades are P/NP Option.

ENGL-40A**1 UNIT**

Tutoring Reading and Writing I

TRANSFERABLE TO CSU
18 LECTURE HOURS

A training program that prepares student tutors to support peers as they work with academic reading and writing assignments across the disciplines. This course includes an introduction to research-backed learning theories and tutoring strategies.

Prerequisite(s): ENGL-C1000 or ENGL-C1000E or ESL-1A

ENGL-40C**1 UNIT**

Tutoring Reading and Writing III

TRANSFERABLE TO CSU
18 LECTURE HOURS

An advanced training program that further prepares student tutors to support English Language Learner (ELL) peers as they work with academic reading and writing assignments in non-ESL courses across

the disciplines. This course includes additional inquiry into research-backed ELL learning theories and tutoring strategies, with an emphasis on adapting tutoring strategies to specific ELL contexts.

Prerequisite(s): ENGL-40A or EDUC-20

ENGL-42**3 UNITS**

Introduction to Shakespeare

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Studies significant features of Shakespeare's life, Renaissance theatre, Elizabethan and Jacobean English. Covers a selection of plays, including comedies, tragedies, and histories, and many sonnets.

Corequisite(s): ENGL-C1000 or ENGL-C1000E or ESL-1A

ENGL-46A**3 UNITS**

Introduction To British Literature I

TRANSFERABLE TO CSU AND UC
C-ID: ENGL 160
54 LECTURE HOURS

Survey of English Literature from its beginnings to the end of the 18th Century; writers include, among others, Chaucer, Shakespeare, Donne, Milton, and Pope; special attention paid to major literary genres.

Advisory: Successful completion of ENGL-1A or ENGL-1E strongly recommended.

ENGL-46B**3 UNITS**

Introduction To British Literature II

TRANSFERABLE TO CSU AND UC
C-ID: ENGL 165
54 LECTURE HOURS

Survey of English Literature from the end of the 18th Century to the present; writers include, among others, Blake, Wordsworth, Coleridge, Tennyson, Arnold, Joyce, Yeats, and Eliot; special attention paid to major literary genres.

Advisory: Successful completion of ENGL-1A or ENGL-1E strongly recommended.

English as a Second Language

ACADEMIC PREPAREDNESS AND CAREER DEVELOPMENT CERTIFICATE OF ADVANCEMENT

The Certificate of Advancement in Academic Preparedness and Career Development prepares advanced level students with the English language and literacy skills needed to function independently in most vocational and academic situations. The certificate focuses on developing the requisite level of grammar, reading, writing and speaking skills needed to transition into mainstream courses or to be successful in seeking appropriate employment.

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Students who complete this program should be able to:

1. Demonstrate ability to write coherent expository essays and/or summary-responses at a level sufficient to transition to 56 and/or ENG 1A.
2. Demonstrate ability to produce and comprehend advanced grammatical structures at a level sufficient to transition to 56 and/or ENG 1A.
3. Demonstrate grammar, listening, speaking, and reading skills needed to clearly communicate and understand information and ideas in personal, academic, and vocational settings.

REQUIRED COURSES

ESL 40A	Low-Advanced Grammar and.....	3
ESL 116A	Academic Reading and Writing for ESL 1 OR	4
ESL 116B	Academic Reading and Writing for ESL 2	4

TOTAL UNITS REQUIRED FOR CERTIFICATE **7**

ACADEMIC PREPAREDNESS AND CAREER DEVELOPMENT

CERTIFICATE OF COMPETENCY

The Certificate of Competency in Academic Preparedness and Career Development prepares advanced-level students with the English language and literacy skills needed to function independently in most vocational and academic situations. The certificate focuses on developing the requisite level of grammar, reading, writing and speaking skills needed to transition into mainstream courses or to be successful in seeking appropriate employment.

Students who complete this program should be able to:

1. Demonstrate ability to write coherent expository essays and/or summary-responses at a level sufficient to transition to ENG 56 and/or ENG 1A.
2. Demonstrate ability to produce and comprehend advanced grammatical structures at a level sufficient to transition to 56 and/or ENG 1A.
3. Demonstrate grammar, listening, speaking, and reading skills needed to clearly communicate and understand information and ideas in personal, academic, and vocational settings.

REQUIRED COURSES**UNITS**

ESL 540A	Low-Advanced Grammar.....	0
ESL 516A	Academic Reading and Writing for ESL 1 OR	
ESL 516B	Academic Reading and Writing for ESL 2	0

TOTAL UNITS REQUIRED FOR CERTIFICATE **0**

INTERPERSONAL COMMUNICATION

CERTIFICATE OF COMPETENCY

The Certificate of Competency in Interpersonal Communication prepares students who have a low-intermediate background in English with the language skills required to function at a high-intermediate level in a variety of vocational and academic situations. The program focuses particularly on the acquisition of grammar, reading, writing and speaking skills needed to function independently at work, school and in the community.

Students who complete this program should be able to:

1. Demonstrate listening and speaking skills needed to communicate at work, at school, and in the community using studied materials, vocabulary, and grammar.
2. Use reading and writing skills to read and understand a variety of

written texts at work, school, and in the community.

REQUIRED COURSES

ESL 563	High-Intermediate Grammar.....	0
ESL 568	High-Intermediate Writing and.....	0

PLUS ONE OF THE FOLLOWING:

ESL 539 ECE	English Skills for Parents and Child Care Providers.....	0
ESL 549 COM	Computer Skills for ESL Students.....	0
ESL 559 EMP	English for Employment.....	0
ESL 559 MAT	The Language of Mathematics for ESL Students	0
ESL 565	Integrated ESL Skills, Level 6.....	0

TOTAL UNITS REQUIRED FOR CERTIFICATE **0**

LIFE SKILLS

CERTIFICATE OF COMPETENCY

The Certificate of Competency in Life Skills prepares students with beginning academic background in English with life skills needed to function at a low-intermediate level in everyday situations at work, school, and in the community.

Students who complete this program should be able to:

1. Write a well-developed paragraph with a topic sentence, supporting ideas, and a concluding sentence at a low-intermediate level.
2. Create, format, type, save, and revise a Word document on a computer for academic assignments and personal needs.

REQUIRED COURSES**UNITS**

ESL 543	Low Intermediate Grammar	0
ESL 545	Integrated ESL Skills, Level 4	0

PLUS ONE OF THE FOLLOWING:

ESL 539 ECE	English Skills for Parents and Child Care Providers.....	0
ESL 539 MAT	The Language of Arithmetic for ESL Students	0
ESL 549 COM	Computer Skills for ESL Students.....	0

TOTAL UNITS REQUIRED FOR CERTIFICATE **0**

COURSES

ESL-1A **4 UNITS**

College Composition and Reading for Nonnative English Speakers

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT

C-ID: ENGL 100

72 LECTURE HOURS

This course meets the same requirements as ENGL C1000 (ENGL 1A) while providing language support to non-native English speakers. The course focuses on the development of reading skills, expository and argumentative writing, research strategies, and information literacy through materials structured to support the needs of language learners regarding academic language development and vocabulary use, editing, and cultural context. Students will write a minimum of 5000 words.

Prerequisite(s): Eligibility for college-level composition as determined by college assessment or other appropriate method.

Limitations on Enrollment: This course is not open for credit to students with credit in ENGL-C1000 (formerly ENGL-1A) or ENGL-C1000E (formerly ENGL-1E).

ESL-40A**3 UNITS****Low-Advanced Grammar****TRANSFERABLE TO CSU AND UC**
54 LECTURE HOURS

Low-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functional study of the 12 tenses.

Prerequisite(s): ESL-263 or ESL-563 or by placement.

Advisory: Concurrent enrollment in ESL-116A/B, ESL-516A/B, or ENGL-51/56/1A is highly recommended.

ESL-116A**4 UNITS****Academic Reading and Writing for ESL 1****72 LECTURE HOURS**

This course emphasizes the development of basic reading and writing skills including active reading and writing processes, vocabulary development, grammar and mechanics, simple and compound sentences, paragraph development, summary-response compositions, and small group and whole class work to strengthen basic reading and writing skills. Concurrent enrollment in 40A, 40B, and/or 40C recommended.

Prerequisite(s): ESL-265 or ESL-565 or ESL-268 or ESL-568 or by placement.

ESL-255**5 UNITS****Integrated ESL Skills, Level 5****90 LECTURE HOURS**

Language development for high-intermediate limited English speakers. Concentration on all language skills - reading, writing, speaking, listening, and grammar. This course is the fifth in a series of six integrated skill courses (515, 525, 535, 545, 555/255, and 565/265).

Prerequisite(s): ESL-245

ESL-259EMP**3 UNITS****English for Employment****54 LECTURE HOURS**

Prepares students for vocational training and/or employment. Includes vocabulary for the world of work and skill development for job search, application and job retention. Intended for non- native English speakers with at least intermediate English proficiency. (L,C)

ESL-259MAT**3 UNITS****The Language of Mathematics for ESL Students****54 LECTURE HOURS**

This course develops the English speaking abilities of non-native English speakers specifically in regards to the language and vocabulary of mathematics as it is used in the American educational system. Students will learn to read, write, and verbally express mathematical words, numbers, and notations.

ESL-263**3 UNITS****High-Intermediate Grammar****54 LECTURE HOURS**

High-intermediate grammar for ESL students. This course introduces students to reading and writing short paragraphs and/or compositions containing compound and complex sentences in present, past, present perfect, and future tenses.

Prerequisite(s): ESL-253 or ESL-553 or by placement.

Advisory: Concurrent enrollment in ESL-265/565 or 268/568 is highly recommended.

ESL-265**5 UNITS****Integrated ESL Skills, Level 6****90 LECTURE HOURS**

Language development for high-intermediate limited English speakers. Concentration on all language skills - reading, writing, speaking, listening, and grammar. This course is the last in a series of six integrated skill courses (225, 225, 235, 245, 255, and 265) leading to a certificate of completion in English at the high-intermediate level. Prepares students for college-level courses.

Prerequisite(s): ESL-255

ESL-268**4 UNITS****High-Intermediate Writing****72 LECTURE HOURS**

Writing for high-intermediate ESL students. Further develops ability to write longer, correctly formatted paragraphs and short compositions with simple, compound, and complex sentences using proper grammar, spelling, and verb tenses.

Prerequisite(s): ESL-255 or ESL-555 or ESL-258 or ESL-558 or by placement.

Advisory: Concurrent enrollment in ESL-263/563 and 265/565 is highly recommended.

ESL-515**0 UNITS****Integrated Skills, Level 1****90 LECTURE HOURS**

Language development for low-beginning, limited English speakers. Concentration on all language skills-reading, writing, listening, speaking, and grammar. This is the first course in a series of six. Prepares students for ESL 525 and other level two ESL courses. Grades are P/NP Only.

ESL-516A**0 UNITS****Academic Reading and Writing for ESL 1****64-72 LECTURE HOURS**

This course emphasizes the development of basic reading and writing skills including active reading and writing processes, vocabulary development, grammar and mechanics, simple and compound sentences, paragraph development, summary-response compositions, and small group and whole class work to strengthen basic reading and writing skills. Grades are P/NP Only.

Prerequisite(s): ESL-265 or ESL-565 or ESL-268 or ESL-568 or by placement.

Advisory: Concurrent enrollment in ESL-40A, 40B, and/or 40C is recommended.

ESL-525**0 UNITS****Integrated ESL Skills, Level 2****90 LECTURE HOURS**

Language development for beginning, limited English speakers. Concentration on all language skills: reading, writing, listening, speaking, and grammar. This is the second course in a series of six. Prepares students for ESL 535 and other level three ESL courses. Grades are P/NP Only.

ESL-533

0 UNITS

High-Beginning Grammar

48-54 LECTURE HOURS

High-beginning grammar for ESL students. This course introduces students who have beginning language skills to simple sentences and short paragraphs in simple past and past continuous tenses. Grades are P/NP Only.

Advisory: Concurrent enrollment in ESL-535 is highly recommended.

ESL-535

0 UNITS

Integrated ESL Skills, Level 3

90 LECTURE HOURS

Language development for high-beginning limited English speakers; concentration on all language skills: listening, speaking, reading, writing, and grammar. This is the third course in a series of six. Prepares students for ESL 545 and ESL level four courses. Grades are P/NP Only.

ESL-540A

0 UNITS

Low-Advanced Grammar

48-54 LECTURE HOURS

Low-advanced grammar for ESL students. This course introduces students to a theme-based grammar and teaches them to read, write and speak English with grammatical accuracy and fluency in real-life contexts. Includes a functional study of the 12 tenses. Grades are P/NP Only.

Prerequisite(s): ESL-263 or ESL-563 or by placement.

Advisory: Concurrent enrollment in ESL-116A/B, ESL-516A/B or ENGL-51/56/1A is highly recommended.

ESL-543

0 UNITS

Low-Intermediate Grammar

48-54 LECTURE HOURS

Low-intermediate grammar for ESL students. This course introduces students to writing paragraphs containing both compound and complex sentences in past, present, and future tenses. Grades are P/NP Only.

Advisory: Concurrent enrollment in ESL-545 is recommended.

ESL-545

0 UNITS

Integrated Skills, Level 4

90 LECTURE HOURS

Language development for low-intermediate limited English speakers. Concentration on all language skills: listening, speaking, reading, writing, and grammar. This is the fourth course in a series of six leading to a certificate of completion in English at the low-intermediate level. Grades are P/NP Only.

ESL-549COM

0 UNITS

Computer Skills for ESL Students

54 LECTURE HOURS

Provides students with the basic computer and word processing skills necessary to format, type, retrieve, and revise simple documents. Students learn to use varied software and perform basic research related to their academic needs and future employment using the internet. Additionally, students will work on English skills, such as reading and following directions (both reading and listening), and development of vocabulary related to computers. Intended for non-native English speakers with at least low-intermediate English proficiency. Grades are P/NP Option.

Advisory: Concurrent enrollment in level 4 ESL courses (e.g. 245, 243) is strongly recommended.

ESL-555

0 UNITS

Integrated ESL Skills, Level 5

90 LECTURE HOURS

Language development for intermediate limited English speakers. Concentration on all language skills - reading, writing, speaking, listening, and grammar. This non-credit course is the fifth in a series of six non-credit integrated skill courses (515, 525, 535, 545, 555, and 565) leading to a certificate of completion in English at the high-intermediate level. Grades are P/NP Only.

Prerequisite(s): ESL-245 or ESL-545 or by placement.

ESL-559EMP

0 UNITS

English for Employment

48 LECTURE HOURS

Prepares students for vocational training and/or employment. Includes vocabulary for the world of work and skill development for job search, application and job retention. Intended for non-native English speakers with at least intermediate English proficiency. (L,C) Grades are P/NP Only.

Prerequisite(s): By placement

Advisory: Concurrent enrollment in ESL-253/553, ESL-255/555 and ESL-258/558 is highly recommended.

ESL-559MAT

0 UNITS

The Language of Mathematics for ESL Students

54 LECTURE HOURS

This course develops the English speaking abilities of non-native English speakers specifically in regards to the language and vocabulary of mathematics as it is used in the American educational system. Students will learn to read, write, and verbally express mathematical words, numbers, and notations. Grades are P/NP Only.

ESL-563

0 UNITS

High-Intermediate Grammar

48-54 LECTURE HOURS

High-intermediate grammar for ESL students. This course introduces students to reading and writing short paragraphs and/or compositions containing compound and complex sentences in present, past, present perfect, and future tenses. Grades are P/NP Only.

Prerequisite(s): ESL-253 or ESL-533 or by placement.

Advisory: Concurrent enrollment in ESL-265/565 or 268/568 is highly recommended.

ESL-565

0 UNITS

Integrated ESL Skills, Level 6

90 LECTURE HOURS

Language development for high-intermediate limited English speakers. Concentration on all language skills - reading, writing, speaking, listening, and grammar. This non-credit course is the fifth in a series of six non-credit integrated skill courses (515, 525, 535, 545, 555, and 565) leading to a certificate of completion in English at the high-intermediate level. Grades are P/NP Only.

Prerequisite(s): ESL-255 or ESL-555 or by placement.

ESL-568

0 UNITS

High-Intermediate Writing

72 LECTURE HOURS

Writing for high-intermediate ESL students. Further develops ability to write longer, correctly formatted paragraphs and short compositions with simple, compound, and complex sentences using proper grammar, spelling and verb tenses. Concurrent enrollment in ESL 263/563 and 265/565 is highly recommended. Grades are P/NP Only.

Prerequisite(s): ESL-255 or ESL-555 or ESL-258 or ESL-558 or by placement.

Advisory: Concurrent enrollment in ESL-253/553 and 255/555 is highly recommended.

topics such as racial discrimination, immigration, economics, labor, political conditions, cultural expression and resistance, social justice movements, racial and ethnic identity, and gender and sexuality. A comparative approach covering African American, Arab American, Asian American, Chicano/Latinx, Native American, and Pacific Islander American groups. (L,C) Grades are P/NP Option.

Environmental Sciences

(See ECOLOGY)

Ethnic Studies

COURSES

ETHN-1

3 UNITS

Introduction to Chicana and Chicano Studies

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This course surveys the origins of Chicana/o Studies in relation to contemporary Chicano culture. Analysis placed on the development of the field and theories of racialization and intersectionality. A cultural politics approach examines a range of expressive arts such as: muralism, film, literature, music, comedy, dance, and celebrations. Intended for students interested in history, Chicano and Ethnic Studies, or other social issues. (L,C) Grades are P/NP Option.

ETHN-4

3 UNITS

Chicana Thought and Cultural Expression

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This course is the study of the Chicana in American society in historical and sociological perspective. Emphasis is placed on Chicana feminist scholarship, cultural representations, and resistance to racism, patriarchy, and white supremacy. This course is designed for all students interested in Gender, Chicana, and Ethnic Studies. (L,C) Grades are P/NP Option.

ETHN-11

3 UNITS

Introduction to Ethnic Studies

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This course provides an introduction to the interdisciplinary study of race and ethnicity in the United States. The course will examine key

Film, Television and Electronic Media

FILM, TELEVISION, AND ELECTRONIC MEDIA

ASSOCIATE IN SCIENCE FOR TRANSFER
*PENDING COCI REVIEW AND APPROVAL

The Associate in Science for Transfer Degree in Film, Television, and Electronic Media offers students hands-on experience in directing, lighting, video/audio production, and electronic media arts. The degree is geared for those who are interested in obtaining employable skills in the Film and Television Industry.

The Associate in Science in Film, Television, and Electronic Media for Transfer is designed for students who wish to transfer to the California State University (CSU) system to complete a Bachelor's Degree in Radio-Television-Film, Television-Film, Television, Video, Film, and Electronic Arts. The Transfer Degree in Film, Television, and Electronic Media includes the lower division major preparation for students to be well-prepared for successful completion of a Bachelor's Degree in Radio-Television-Film, Television-Film, Television, Video, Film, and Electronic Arts and may help students prepare for Bachelor's Degrees in Cinema and Mass Communication and a variety of media related fields. This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. In all cases, students should check with a counselor for more information on university admission and transfer requirements..

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

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1. Resolve and execute standard pre-production skills including planning, script, script breakdown, budgeting, storyboard creation, and crew and equipment selection.
2. Utilize basic field production equipment correctly, safely and creatively, including cameras, lights and audio.
3. Operate essential post-production equipment for audio and film/video editing and distribution in a variety of contemporary and emerging methods.
4. Analyze, interpret, and exercise critical judgment in the evaluation of media productions.
5. Demonstrate a hands-on ability to perform the professional level critical thinking needed for successful teamwork in media employment
6. Describe the history, processes and current structure of electronic media, its ethical parameters, and the social and political effects of electronic and mass communication on an audience.

REQUIRED COURSES		UNITS
FTVE 2	Introduction to Electronic Media.....	3
FTVE 8	Introduction to Media Writing.....	3

List A: Complete the following:

FTVE 6	Beginning Audio Production.....	3
FTVE 4	Beginning TV Studio Production OR	3
FTVE 5	Beginning Motion Picture Production OR	3
FTVE 15	Beginning Single Camera Production.....	3

List B: Complete one course from the following:

Any course from List A not already used.....	3
FTVE 14 Advanced Studio Video Production.....	3
PHOTO 13 Introduction to Digital Photography.....	3

List C: Complete one course from the following:

Any course from List A or List B not already used	3
FTVE 10 Beginning Digital Editing	3
FTVE 17 Television Remote Production	3
FTVE 19 News Writing and Reporting	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

FILM, TELEVISION, AND ELECTRONIC MEDIA

ASSOCIATE IN ARTS

Mass communication is the study of communicating with the masses but is also about storytelling with strategy and purpose. The study of mass communication is centered around how messages persuade and affect the behavior and opinion of the person or people receiving the content. The Film, Television, and Electronic Media program will help students develop research methods and analysis skills that can be applied to a number of different fields, including law, academia, and the professional sector.

An AA in Film, Television, and Electronic Media undertakes a thorough investigation of mass media, from its institutions, history, and laws to the ways in which it transforms our culture. This program is designed for students who wish to pursue a broad approach to the study of mass communication institutions, processes, effects, research methods, and analysis.

This degree will allow students to examine and analyze many forms of mass media, and even more importantly, equip students to gain successful work in this continuously evolving field. An AA degree in Film, Television, and Electronic Media is an interdisciplinary

course of study and opens up doors to a spectrum of careers, from content creation, advertising and broadcasting to public relations and journalism. Students examine how media works and affects our society. Students analyze different forms of media, study the impact media has on our culture and learn about media history and laws. Students will also have a chance to test the waters by creating media projects in certain classes

Students who complete this program should be able to:

1. Demonstrate effective speaking, writing, and listening skills for communication in personal, public, and media areas.
2. Demonstrate the ability to observe events, gather information, write news reports and news releases, report on events, and edit other people's writings.
3. Demonstrate the ability to understand the media critically and recognize how media shape and are shaped by politics, society, culture, economics, and daily lives
4. Demonstrate the ability to recognize the power of persuasion and ethical responsibilities of communicators in communication at all levels.

REQUIRED COURSES		UNITS
FTVE 2	Introduction to Electronic Media.....	3
FTVE 4	Beginning TV Studio Production.....	3
FTVE 5	Beginning Motion Picture Production.....	3
FTVE 6	Beginning Audio Production.....	3
FTVE 14	Advanced Studio Video Production.....	3
FTVE 15	Beginning Single Camera Production.....	3
FTVE 17	Television Remote Production.....	3

Complete one course from the following:

FTVE 8	Introduction to Media Writing.....	3
FTVE 19	News Writing and Reporting.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 24

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

FILM, TELEVISION, AND ELECTRONIC MEDIA

CERTIFICATE OF ACHIEVEMENT

A Film, Television, and Electronic Media certificate will allow you to examine and analyze many forms of mass media, and even more importantly, equip you to gain successful work in this continuously evolving field. This certificate is an interdisciplinary course of study and opens up doors to a spectrum of careers, from content creation, advertising and broadcasting to public relations and journalism. As a Film, Television, and Electronic Media major, you'll examine how media works and affects our society. You'll analyze different forms of media, study the impact media has on our culture and learn about media history and laws. You will also have a chance to test the waters by creating media projects of your own in certain classes.

Film, Television, and Electronic Media majors undertake a thorough investigation of mass media, from its institutions, history, and laws to the ways in which it transforms our culture. It is the study of communicating with the masses but is also about storytelling with strategy and purpose. The study of film, television, and electronic media is centered around how messages persuade and affect the behavior and opinion of the person or people receiving the content. This program will help you develop research methods and analysis skills that can be applied to a number of different fields, including law, academia, and the professional sector.

Students who complete this program should be able to:

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1. Utilize basic field production equipment correctly, safely and creatively, including cameras, lights and audio.
2. Operate essential post-production equipment for audio and film/video editing and distribution in a variety of contemporary and emerging methods.
3. Demonstrate a hands-on ability to perform the professional level critical thinking needed for successful teamwork in media employment.

REQUIRED COURSES		UNITS
FTVE 4	Beginning TV Studio Production	3
FTVE 5	Beginning Motion Picture Production	3
FTVE 6	Beginning Audio Production	3
FTVE 8	Introduction to Media Writing.....	3
FTVE 15	Beginning Single Camera Production	3
FTVE 17	Television Remote Production	3
PHOTO 13	Introduction to Digital Photography	3
TOTAL UNITS REQUIRED FOR CERTIFICATE		21

COURSES

FTVE-2 **3 UNITS**

Introduction to Electronic Media

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This course introduces the history, structure, function, economics, content and evolution of radio, television, film, the Internet, and new media, including traditional and mature formats. The social, political, regulatory, ethical and occupational impact of the electronic media are also studied.

FTVE-4 **3 UNITS**

Beginning TV Studio Production

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

This course introduces theory, terminology and operation of a multi-camera television studio and control room. Topics include studio signal flow, directing, theory and operation of camera and audio equipment, switcher operation, fundamentals of lighting, graphics, video control and video recording and real-time video production.

FTVE-5 **3 UNITS**

Beginning Motion Picture Production

TRANSFERABLE TO CSU AND UC
36 LECTURE HOURS
54 LAB HOURS

This course provides an introduction to the basic theory, terminology, and practice of motion picture production as applied in feature films, and films made for television and internet through developed skill sets, and teamwork in pre-production, production, and post-production processes.

FTVE-6 **3 UNITS**

Beginning Audio Production

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

This course serves as an introduction to the theory and practice of audio production for broadcasting, internet, film, and music recording applications. Students will learn the fundamentals of sound design and aesthetics, microphone use, and digital recording equipment. Students gain hands-on experience recording, editing, and mixing audio for various applications. Upon completion, students will have basic knowledge of applied audio concepts, production workflow, equipment

functions, and audio editing software.

FTVE-8 **3 UNITS**

Introduction to Media Writing

TRANSFERABLE TO CSU
54 LECTURE HOURS

This course introduces students to writing scripts and other types of content for a variety of digital media platforms. An emphasis is placed on proper formatting, technical, conceptual, and stylistic issues related to writing fiction and non-fiction. A significant part of the course will be focused on evaluating and improving writing for the media.

FTVE-10 **3 UNITS**

Beginning Digital Editing

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

This course introduces students to the fundamental principles and practices of digital video editing using non-linear editing software. Students will explore editing theory and apply a variety of editing styles to footage from multiple sources, gaining insight into how editing choices shape audience response. The curriculum includes critical analysis of the editing process, techniques for editing complex scenes, and the creation of basic visual effects. Through hands-on projects, students will build a strong foundation in both the technical and creative aspects of digital editing.

FTVE-14 **3 UNITS**

Advanced Studio Video Production

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

This course provides in-depth training in the advanced technical operation and creative application of professional television studio equipment. Students will refine their skills in multi-camera production, lighting design, audio engineering, titling and graphics integration, video recording, and live switching techniques. Emphasis is placed on both the technical precision and the artistic choices required to produce high-quality studio programming. Through hands-on projects and collaborative productions, students will gain the expertise needed to operate in professional broadcast and media environments.

Prerequisite(s): FTVE-4

FTVE-15 **3 UNITS**

Beginning Single Camera Production

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

The course provides an introduction to single-camera video production, including production and aesthetic theories, terminology, and operation of field equipment. Topics covered will include composition and editing techniques, camera operation, field lighting, audio recording, and basic editing. This course focuses on the planning and execution of preproduction, production, and postproduction working as a cohesive production crew.

FTVE-17 **3 UNITS**

Television Remote Production

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

This course explores the advanced creative use of electronic field video production with an emphasis on multi-camera coverage of live and recorded events. Students will learn professional techniques for producing sporting events, theatrical and musical performances, as

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well as entertainment and informational programming. A significant portion of the course takes place in real-world environments, where students gain hands-on experience in "on location" production, mastering the coordination, technical operation, and creative decision-making required for professional remote broadcasts.

FTVE-19**3 UNITS**

News Writing and Reporting

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

An introduction to gathering, synthesizing/organizing and writing news in journalistic style across multiple platforms. Includes role of the journalist and related legal and ethical issues. Students will report and write based on their original interviews and research to produce news content. Experiences may include covering speeches, meetings and other events, writing under deadline and use of AP Style.

FTVE-40**1 UNIT**

Success in Online Learning

TRANSFERABLE TO CSU
18 LECTURE HOURS

This course prepares students to thrive in the online learning environment by developing the skills and strategies needed for academic success. Topics include understanding hardware and software requirements, troubleshooting common technical issues, and using digital tools to review and submit assignments. Students will practice effective online communication, explore assessment methods, and apply critical thinking in virtual settings. Additional emphasis is placed on ethical online behavior and the use of emerging learning technologies, equipping students with the confidence and competence to navigate online coursework effectively. Grades are P/NP Only.

Fire Technology

FIRE TECHNOLOGY

ASSOCIATE IN SCIENCE

The Fire Technology program prepares students for a career in the fire service and provides educational and training opportunities for employment with Career, Combination, and Volunteer agencies. In addition, this program provides courses to enable students to advance in their career and apply for promotion at the driver operator and company officer level.

The Associate Degree and Certificate programs incorporate the standardized Fire Technology curriculum identified as model curriculum through the offices of the California State Chancellor. In addition, the required courses and many electives are compliant with the National Fire Administration's Fire and Emergency Services Higher Education (FESHE) model. Many elective courses are developed under the guidelines of related fire service training and educational programs such as the California State Fire Marshal (C.F.S.T.E.S. and F.S.T.E.P.), DOT (Department of Transportation), FEMA (Federal Emergency Management Agency), and the National Fire Academy.

Students who complete this program should be able to:

1. Demonstrate technical, cognitive, and psycho-motor skills necessary to achieve and maintain employment in the fire service.
2. Demonstrate knowledge and understanding of fire service industry history, trends, operational developments, and legal implications.
3. Demonstrate respect and acceptance for differing opinions,

feelings, and values of others through the development of listening skills that promote ethical and equitable application of FIRE and EMS services through classroom discussion, activities, and written assignments.

4. Communicate effectively in both oral presentation and written reports.

REQUIRED COURSES

UNITS

FIRTC 1	Fire Protection and Emergency Services.....	3
FIRTC 2	Fire Prevention Technology.....	3
FIRTC 3	Fire Protection Equipment and Systems.....	3
FIRTC 4	Building Construction for Fire Protection.....	3
FIRTC 5	Fire Behavior and Combustion.....	3
FIRTC 6	Principles of Fire and Emergency Services Safety and Survival.....	3

Complete a minimum of six units from the following:

EMT 61	Emergency Medical Technician.....	7
FIRTC 60	Title 22 Public Safety First Aid/CPR Course (21 hour).....	0.5
FIRTC 61	Fire Fighter 1 & 2 Academy without EMT 1.....	19.5
FIRTC 62	Fire Fighter 1 & 2 Academy with EMT 1.....	26.5
FIRTC 63	Fire Fighter 1 Academy without EMT 1.....	16
FIRTC 64	Fire Fighter 1 Academy with EMT 1.....	23
FIRTC 65A	Firefighter I Certification Testing.....	1
FIRTC 65B	Firefighter II Certification Testing.....	1
FIRTC 69	Firefighter II Academy.....	4.5
FIRTC 70A	Company Officer 2A - Human Resources.....	2
FIRTC 70B	Company Officer 2B - General Administrative Functions.....	1
FIRTC 70C	Company Officer 2C - Fire Inspections and Investigation.....	2
FIRTC 70D	Company Officer 2D - All Risk Command Operations.....	2
FIRTC 70E	Company Officer 2E - Wildland Incident Operations.....	2
FIRTC 70F	Instructor 1 - Instructional Methodology.....	2
FIRTC 74	Intermediate Wildland Fire Behavior S-290.....	1.5
FIRTC 75	Hazardous Materials-FRO-Pro Board.....	1
FIRTC 76A	Driver Operator 1A.....	1.5
FIRTC 76B	Driver Operator 1B - Pumping Apparatus.....	1.5
FIRTC 77	HAZMAT Incident Commander.....	0.5
FIRTC 85	Introduction to Public Safety Careers.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR

24

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Fire Technology students are waived the health graduation requirement. Please see your counselor for additional information.

FIRE FIGHTER ACADEMY

ASSOCIATE IN SCIENCE

General Information: Yuba College offers an Associate Degree-Fire Academy program leading to certification as a Fire Fighter 1 and/or Fire Fighter 2 through the California State Fire Marshall. A career ladder program for Fire Fighters wishing to advance to positions such as Driver Operator, and Company Officer is also available. All students are advised to check the Yuba College Website for Fire Technology (<https://yc.yccd.edu/publicsafety/home-page/fire-technology>) often for new information relative to application and admission. Graduates of this program will have a variety of employment opportunities in local, state and federal firefighting positions.

Costs: In addition to the expenses of regularly enrolled students (living costs, activity fees, books, tuition, etc.), Fire Academy students have the additional expenses of uniforms, personal protective equipment, state certification testing, health examination, drug testing, and criminal background checks. Fire Technology students are eligible for grants and loans available to any Yuba College student meeting the financial aid criteria.

Drug Policy: Yuba College has a "zero tolerance" policy; all campuses and centers are to be alcohol and drug free. See the student manual for more information.

Criminal Background Checks: For students choosing the academy

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with EMT 1 included, background checks will be required. All clinical agencies used in the EMT 1 programs require criminal background screening. Applicants who are found to have certain violations that preclude clinical placement will not be able to complete the EMT 1 course requirements. National Registry Testing and State EMT 1 Certification requires an additional Live Scan criminal background check. Costs associated with the background screening is the responsibility of the applicant.

Advisory: It is highly recommended to complete FIRC 1-Introduction to the Fire Service and Emergency Services and FIRC 6-Fire Fighter Safety and Survival.

Enrollment Eligibility: To apply for enrollment in the program, the student must complete an application which must be received by the Fire Technology Department prior the application deadline as explained on the department website. If more applications are received than available course openings, a scoring matrix will be used to admit applicants to the program. Information about the scoring matrix is available on the Fire Technology Website.

Enrollment Process: Once eligible students are selected for the program, additional actions must be taken such as completing a physical exam, purchase all books, uniforms, and procure required personal protective equipment.

Students who complete this program should be able to:

1. Demonstrate technical, cognitive, and psycho-motor skills necessary to achieve and maintain employment in the fire service.
2. Demonstrate knowledge and understanding of fire service industry history, trends, operational developments, and legal implications.
3. Demonstrate respect and acceptance for differing opinions, feelings, and values of others through the development of listening skills that promote ethical and equitable application of FIRE and EMS services through classroom discussion, activities, and written assignments.
4. Communicate effectively in both oral presentation and written reports.

REQUIRED COURSES		UNITS
FIRC 61	Fire Fighter 1 & 2 Academy without EMT 1 OR	19.5
FIRC 62	Fire Fighter 1 & 2 Academy with EMT 1 OR	26.5
FIRC 63	Fire Fighter 1 Academy without EMT 1 OR	16
FIRC64	Fire Fighter 1 Academy with EMT 1	22

Complete five to nine (5-9) units from the following:

FIRC 1	Fire Protection and Emergency Services.....	3
FIRC 2	Fire Prevention Technology	3
FIRC 3	Fire Protection Equipment and Systems	3
FIRC 4	Building Construction for Fire Protection	3
FIRC 5	Fire Behavior and Combustion	3
FIRC 6	Principles of Fire and Emergency Services Safety and Survival	3
FIRC 67	Basic Wildland Firefighter (FF1C).....	9
FIRC 69	Firefighter II Academy.....	4.5
FIRC 70A	Company Officer 2A - Human Resources.....	2
FIRC 70B	Company Officer 2B - General Administrative Functions	1
FIRC 70C	Company Officer 2C - Fire Inspections and Investigation	2
FIRC 70D	Company Officer 2D - All Risk Command Operations.....	2
FIRC 70E	Company Officer 2E - Wildland Incident Operations	2
FIRC 70F	Instructor 1-Instructional Methodology.....	2
FIRC 74	Intermediate Wildland Fire Behavior S-290	2
FIRC 75	Hazardous Materials-FRO-Pro Board.....	1
FIRC 76A	Driver Operator 1A.....	1.5
FIRC 76B	Driver Operator 1B – Pumping Apparatus.....	1.5
FIRC 77	HAZMAT Incident Commander	0.5

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 21-35.5

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Fire Fighter Academy students are waived the health graduation requirement. Please see your counselor for additional information.

FIRE TECHNOLOGY

CERTIFICATE OF ACHIEVEMENT

The Fire Technology Certificate of Achievement program prepares students for a career in the fire service and provides educational training opportunities for employment with Career, Combination, and Volunteer agencies. In addition, this program provides courses to enable students to advance in their career and apply for promotion at the driver operator and company officer level.

The Certificate program incorporates the standardized Fire Technology curriculum identified as model curriculum through the offices of the California State Chancellor. In addition, the required courses and many electives are compliant with the National Fire Administration's Fire and Emergency Services Higher Education (FESHE) model. Many elective courses are developed under the guidelines of related fire service training and educational programs such as the California State Fire Marshal (C.F.S.T.E.S. and F.S.T.E.P.), DOT (Department of Transportation), FEMA (Federal Emergency Management Agency), and the National Fire Academy.

Students who complete this program should be able to:

1. Demonstrate technical, cognitive, and psycho-motor skills necessary to achieve and maintain employment in the fire service.
2. Demonstrate knowledge and understanding of fire service industry history, trends, operational developments, and legal implications.
3. Demonstrate respect and acceptance for differing opinions, feelings, and values of others through the development of listening skills that promote ethical and equitable application of FIRE and EMS services through classroom discussion, activities, and written assignments.
4. Communicate effectively in both oral presentation and written reports.

REQUIRED COURSES		UNITS
FIRC 1	Fire Protection and Emergency Services.....	3
FIRC 2	Fire Prevention Technology	3
FIRC 3	Fire Protection Equipment and Systems	3
FIRC 4	Building Construction for Fire Protection	3
FIRC 5	Fire Behavior and Combustion.....	3
FIRC 6	Principles of Fire and Emergency Services Safety and Survival	3

Complete a minimum of six units from the following:

FIRC 60	Title 22 Public Safety First Aid/CPR Course (21 hour)	0.5
FIRC 61	Fire Fighter 1 & 2 Academy without EMT 1	19.5
FIRC 62	Fire Fighter 1 & 2 Academy with EMT 1	26.5
FIRC 63	Fire Fighter 1 Academy without EMT 1	16
FIRC 64	Fire Fighter 1 Academy with EMT 1	23
FIRC 67	Basic Wildland Firefighter (FF1C).....	9
FIRC 69	Firefighter II Academy.....	4.5
FIRC 70A	Company Officer 2A - Human Resources.....	2
FIRC 70B	Company Officer 2B - General Administrative Functions	1
FIRC 70C	Company Officer 2C - Fire Inspections and Investigation	2
FIRC 70D	Company Officer 2D - All Risk Command Operations.....	2
FIRC 70E	Company Officer 2E - Wildland Incident Operations	2
FIRC 70F	Instructor 1 - Instructional Methodology.....	2
FIRC 74	Intermediate Wildland Fire Behavior S-290	1.5
FIRC 75	Hazardous Materials-FRO-Pro Board.....	1
FIRC 76A	Driver Operator 1A.....	1.5
FIRC 76B	Driver Operator 1B – Pumping Apparatus.....	1.5
FIRC 77	HAZMAT Incident Commander	0.5
FIRC 85	Introduction to Public Safety Careers.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 24

FIRE FIGHTER ACADEMY

CERTIFICATE OF ACHIEVEMENT

Yuba College offers a Certificate of Achievement - Fire Fighter Academy Program leading to certification as a Fire Fighter 1 (and Fire Fighter 2 based on class selection) through the California State Fire Marshal. A career ladder program for Fire Fighters wishing to advance to positions such as Driver Operator and Company Officer is also available. All students are advised to check the Yuba College Website for Fire Technology (<https://yc.yccd.edu/publicsafety/home-page/fire-technology>) often for new information relative to application and admission. Graduates of the Fire Fighter Academy Certificate of Achievement program will have a variety of employment opportunities in local, state, and federal firefighting positions.

The courses which include Emergency Medical Technician 1 prepares students to work immediately for those agencies that have these certifications as the minimum requirements. The courses without EMT 1 prepare students who have EMT training already or are planning to attend EMT 1 later.

Costs: In addition to the expenses of regularly enrolled students (living costs, activity fees, books, tuition, etc.), Fire Academy students have the additional expenses of uniforms, personal protective equipment, state certification testing, health examination, drug testing, and criminal background checks. Fire Technology students are eligible for grants and loans available to any Yuba College student meeting the financial aid criteria.

Drug Policy: Yuba College has a "zero tolerance" policy; all campuses and centers are to be alcohol and drug free. See the student manual for more information.

Criminal Background Checks: For students choosing the academy with EMT 1 included, background checks will be required. All clinical agencies used in the EMT 1 programs require criminal background screening. Applicants who are found to have certain violations that preclude clinical placement will not be able to complete the EMT 1 course requirements. National Registry Testing and State EMT 1 Certification requires an additional Live Scan criminal background check. Costs associated with the background screening is the responsibility of the applicant.

Advisory: It is highly recommended to complete FIRC 1- Introduction to the Fire Service and Emergency Services and FIRC 6- Fire Fighter Safety and Survival prior to enrolling in the Fire Fighter Academy.

Enrollment Eligibility: To apply for enrollment in the program, the student must complete an application which must be received by the Fire Technology Department prior to the application deadline as explained on the department website. If more applications are received than available course openings, a scoring matrix will be used to admit applicants to the program. Information about the scoring matrix is available on the Fire Technology Website.

Enrollment Process: Once eligible students are selected for the program, additional actions must be taken such as completing a physical exam, purchase all books, uniforms, and procure required personal protective equipment.

Students who complete this program should be able to:

1. Demonstrate technical, cognitive, and psycho-motor skills necessary to achieve and maintain employment in the fire service.
2. Demonstrate knowledge and understanding of fire service industry history, trends, operational developments, and legal implications.
3. Demonstrate respect and acceptance for differing opinions, feelings and, values of others through the development of listening skills that promote ethical and equitable application of Fire and EMS services through classroom discussion, activities, and written assignments.
4. Communicate effectively in both oral presentations and written reports.

REQUIRED COURSES		UNITS
FIRC 61	Fire Fighter 1 & 2 Academy without EMT 1 OR	19.5
FIRC 62	Fire Fighter 1 & 2 Academy with EMT 1 OR	26.5
FIRC 63	Fire Fighter I Academy without EMT OR	16
FIRC 64	Fire Fighter I Academy with EMT	23

Complete 2-3.5 units from the following:

FIRC 1	Fire Protection and Emergency Services.....	3
FIRC 2	Fire Prevention Technology	3
FIRC 3	Fire Protection Equipment and Systems	3
FIRC 4	Building Construction for Fire Protection	3
FIRC 5	Fire Behavior and Combustion	3
FIRC 6	Principles of Fire and Emergency Services Safety and Survival	0.5
FIRC 60	Title 22 Public Safety First Aid/CPR Course (21 hour)	3
FIRC 67	Basic Wildland Firefighter (FF1C)	2.5
FIRC 69	Firefighter II Academy.....	4.5
FIRC 70A	Company Officer 2A - Human Resources	2
FIRC 70B	Company Officer 2B - General Administrative Functions	1
FIRC 70C	Company Officer 2C - Fire Inspection and Investigation	2
FIRC 70D	Company Officer 2D - All Risk Command Operations	2
FIRC 70E	Company Officer 2E - Wildland Incident Operations	2
FIRC 70F	Instructor I - Instructional Methodology.....	2
FIRC 74	Intermediate Wildland Fire Behavior S-290	1.5
FIRC 75	Hazardous Materials-FRO-Pro Board.....	1
FIRC 76A	Driver Operator 1A	1.5
FIRC 76B	Driver Operator 1B - Pumping Apparatus	1.5
FIRC 77	HAZMAT Incident Commander	0.5

TOTAL UNITS REQUIRED FOR CERTIFICATE 18-30

COURSES

FIRC-1 3 UNITS

Fire Protection and Emergency Services

TRANSFERABLE TO CSU
54 LECTURE HOURS

Introduction to fire protection. This course provides an overview to Fire Protection and Emergency Services; career opportunities in fire protection and related fields; philosophy and history of fire protection, fire loss analysis; organization and function of public and private fire protection services; fire department as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. (L,C)

FIRC-2 3 UNITS

Fire Prevention Technology

TRANSFERABLE TO CSU
C-ID: FIRE 110X
54 LECTURE HOURS

This course provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation.

FIRC-3 3 UNITS

Fire Protection Equipment and Systems

TRANSFERABLE TO CSU
C-ID: FIRE 120X
54 LECTURE HOURS

Provides information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers.

FIRTC-4**3 UNITS****Building Construction for Fire Protection****TRANSFERABLE TO CSU**
54 LECTURE HOURS

This course provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies.

FIRTC-5**3 UNITS****Fire Behavior and Combustion****TRANSFERABLE TO CSU**
C-ID: FIRE 140X
54 LECTURE HOURS

Theory and fundamentals of how and why fires start, spread, and are controlled; an in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire control techniques. (L,C)

FIRTC-6**3 UNITS****Principles of Fire and Emergency Services Safety and Survival****TRANSFERABLE TO CSU**
C-ID: FIRE 150X
54 LECTURE HOURS

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior throughout the emergency services.

FIRTC-60**0.5 UNIT****Title 22 Public Safety First Aid/CPR Course (21 Hour)****15 LECTURE HOURS**
6 LAB HOURS

This course fulfills the California State Title 22 requirements designed to give the entry level rescuer/firefighter, peace officer and lifeguard training in First Aid, CPR for the Professional Rescuer, and AED. The course includes training in the following areas: CPR, AED, patient assessment, splinting, bleeding control, bandaging, airway management, shock treatment, medical emergencies, trauma emergencies, infectious disease control, and emergency childbirth. (L)Grades are P/NP Only.

FIRTC-61**19.5 UNITS****Fire Fighter 1 & 2 Academy without EMT 1****203 LECTURE HOURS**
466 LAB HOURS

Provides students with the basic knowledge and skills to work in the fire service. Following the California State Firefighter 1 and 2 curriculums, students will be provided training in basic concepts including fire department organization, firefighter safety, firefighter behavioral health and cancer awareness, communications, structural fire suppression operations, rescue operations, hazardous material awareness and operations, wildland fire suppression operations, equipment operation and maintenance, fire and life safety initiatives. Includes daily physical fitness training.

Prerequisite(s): FIRTC-60 or Public Safety-First Aid or higher qualification and CPR healthcare provider certification or equivalent.

Entrance Requirement(s): Must be accepted to the Fire Fighter Academy program. Medical clearance is required. Must be 18 years old at time of program start or have parent permission and waiver of liability if under 18 years of age.

Limitations on Enrollment: Course not open for credit for students with credit in FIRTC-63 or FIRTC-64 or FIRTC-69.

FIRTC-62**26.5 UNITS****Fire Fighter 1 & 2 Academy with EMT 1****279 LECTURE HOURS**
602 LAB HOURS

Provides students with the basic skills and knowledge to work in the fire service. Following the California State Fire Fighter 1 and 2 curriculum and emergency medical technician (EMT 1) guidelines will be followed. Students will be provided training in basic concepts including fire department organization, firefighter safety, firefighter behavioral health and cancer awareness, communications, structural fire suppression operations, rescue operations, emergency medical response for the treatment and care of the sick and injured, hazardous materials awareness, operations and decon operations, wildland fire suppression operations, equipment operation and maintenance, fire and life safety initiatives. Includes daily physical training.

Prerequisite(s): FIRTC-60 or Public Safety-First Aid or higher qualification and CPR healthcare provider certification or equivalent.

Entrance Requirement(s): Must be accepted to the Fire Fighter Academy program. Medical clearance is required. Must be 18 years old at time of program start or have parent permission and waiver of liability if under 18 years of age.

Limitations on Enrollment: Course not open for credit for students with credit in FIRTC-63 or FIRTC-64 or FIRTC-69.

FIRTC-63**16 UNITS****Fire Fighter 1 Academy without EMT 1****150 LECTURE HOURS**
424 LAB HOURS

Provides student with the basic skills and knowledge to work in the fire service. The California State Firefighter I curriculum will be followed. Provides training in basic concepts including fire department organization, fire control, equipment operation, prevention, protection, hose, nozzles, and breathing apparatus. Includes physical training.

Prerequisite(s): FIRTC-60 or a combination of Public Safety First Aid or higher qualification and CPR healthcare provider certification or equivalent.

Entrance Requirement(s): Must be accepted to the Fire Fighter 1 Academy program. Medical clearance is required. Must be 18 years old at time of program start or have parent permission and waiver of liability if under 18 years of age.

FIRTC-64**23 UNITS****Fire Fighter I Academy with EMT 1****262 LECTURE HOURS**
482 LAB HOURS

Provides student with the basic skills and knowledge to work in the fire service. The California State Firefighter I curriculum and emergency medical technician (EMT 1) guidelines will be followed. Provides training in basic concepts including fire department organization, fire control, equipment operation, prevention, protection, hose, nozzles, and breathing apparatus. Includes physical training.

Prerequisite(s): FIRTC-60 or equivalent Public Safety First Aid with CPR (21 hours) course or higher (EMR, EMT 1 or EMT-Paramedic) or a combination of Public First Aid or higher qualification and CPR healthcare provider certification or equivalent.

Entrance Requirement(s): Must be accepted to the Fire Fighter 1 Academy program. Physician's clearance is required. Must be 18 years old at time of program start or have parent permission and waiver of liability if under 18 years of age.

FIRTC-65A**1 UNIT****Firefighter I Certification Testing****4 LECTURE HOURS
48 LAB HOURS**

This course is offered to students that meet the State Fire Training (SFT) requirements to test for the Firefighter I (FFI) including the capstone knowledge and skills required to pass the FFI. Upon successful completion, the student will receive a Certificate of Completion from State Fire Training for Firefighter 1. Grades are P/NP Only.

Prerequisite(s): FIRTC-63 or FIRTC-64 or Signed statement by the agency's Fire Chief or designee stating the sponsored student has completed all SFT training requirements and skills sheets for FFI.

FIRTC-65B**1 UNIT****Firefighter II Certification Testing****4 LECTURE HOURS
48 LAB HOURS**

This course is designed to test candidates for the State Fire Training (SFT) Firefighter II (FFII) qualification. Candidates must have completed the FFI or equivalent training prerequisites for SFT. Upon successful completion, the student will receive the SFT FFII certificate. Grades are P/NP Only.

Prerequisite(s): FIRTC-69 or Signed statement by the agency's Fire Chief or designee stating the sponsored student has completed all SFT training requirements and skills sheets for FFII.

FIRTC-67**2.5 UNITS****Basic Wildland Firefighter (FF1C)****30 LECTURE HOURS
70 LAB HOURS**

This course provides the skills and knowledge needed for the entry-level fire fighter to recognize hazards and unsafe situations; don, doff, and maintain wildland personal protective equipment; deploy a fire shelter; maintain suppression hand tools and equipment; assemble and prepare for response; construct and secure a fire line; reduce the threat of fire exposure to improved properties; and mop up and patrol a fire area when working with wildland fires. The curriculum is based on State Fire Marshal FF 1-C (Wildland) course plan, and 2012 edition NFPA 1051 Standard for Wildland Firefighter Professional Qualifications. This course is designed to provide graduates with employment opportunities with Cal Fire or other agencies that accept this level of training. Grades are P/NP Only.

Advisories: FIRTC-60; FIRTC-75

Entrance Requirement: Students are required to purchase uniforms and personal protective equipment.

FIRTC-69**4.5 UNITS****Firefighter II Academy****64 LECTURE HOURS
56 LAB HOURS**

This course provides the skills and knowledge needed for the fire fighter to take on increased leadership roles and responsibilities pertaining to fire department communications, fireground operations, rescue operations, and fire and life safety initiatives, preparedness, and maintenance.

Prerequisite(s): FIRTC-64 or FIRTC-63 or issuance of State Fire Marshal Firefighter 1 certificate, a complete SFM Firefighter 1 skills sign off sheet signed by a California fire agency, or a fire academy certificate of completion from ARTP or ALA.

FIRTC-70A**3 UNITS****Fire Officer 2A-HR Management (2020)****C-ID: FIRE 200X
54 LECTURE HOURS**

This course provides the skills and knowledge needed for a Fire Officer 2 to safely, effectively, and competently apply human resource policies and procedures, create a professional development plan, evaluate and maximize employee performance, recommend action for employee support, coordinate routine tasks and responsibilities, direct employees during a training evolution, understand the value of physical and medical fitness, implement safety measures and regulations, and conduct an accident investigation. Grades are P/NP Only.

Entrance Requirement(s): Meet one of the following requirements: (1) Office of State Fire Marshal Fire Fighter 2 certification (any version), or (2) Currently in the position of Company Officer or Fire Officer 2 (acting does not apply)

FIRTC-70B**1 UNIT****Company Officer 2B - General Administrative Functions****C-ID: FIRE 210X
20 LECTURE HOURS**

This course provides information on general administrative functions and the implementation of department policies and procedures and addresses conveying the fire department's role, image, and mission to the public. (L,M,C)

Entrance Requirement(s): Fire Fighter II educational requirements or four (4) years as a career fire fighter or six (6) years as a volunteer fire fighter. These are State Fire Training Requirements.

FIRTC-70C**2 UNITS****Company Officer 2C - Fire Inspection and Investigation****C-ID: FIRE 220X
40 LECTURE HOURS**

This course provides an overview of the information necessary to conduct inspections, identify hazards and addresses violations. Students will learn how to perform a fire investigation to determine

preliminary cause and to secure the incident scene and preserve evidence. (L,M,C)

Entrance Requirement(s): Fire Fighter II educational requirements or four (4) years as a career fire fighter or six (6) years as a volunteer fire fighter. These are State Fire Training Requirements.

FIRTC-70D**2 UNITS****Company Officer 2D - All Risk Command Operations****C-ID: FIRE 230X
40 LECTURE HOURS**

This course provides information on conducting Incident size-up, developing and implementing an initial plan of action involving single and multi unit operations for various types of emergency incidents to mitigate the situation following agency safety procedures, conducting pre-Incident planning, and develop and conduct a post-incident analysis. Grades are P/NP Only.

Prerequisite(s): FIRTC-77 or HAZMAT Incident Commander course taken elsewhere: ICS-200B Incident Command for Single Resources

Entrance Requirement(s): Fire Fighter II educational requirements or four (4) years as a career fire fighter or six (6) years as a volunteer fire fighter. These are State Fire Training Requirements.

FIRTC-70E**2 UNITS****Company Officer 2E - Wildland Incident Operations****C-ID: FIRE 240X
40 LECTURE HOURS**

This course provides information on evaluating and reporting incident conditions, analyzing incident needs, developing and implementing a plan of action to deploy incident resources completing all operations to suppress a wildland fire, establishing an incident command post, creating an incident action plan, and completing incident records and reports. Grades are P/NP Only.

Prerequisite(s): FIRTC-74; FIRTC-70D or proof of course completion of Company Officer 2D from State Fire Training.

Entrance Requirement(s): Fire Fighter II educational requirements or four (4) years as a career fire fighter or six (6) years as a volunteer fire fighter. These are State Fire Training Requirements.

FIRTC-70F**2.5 UNITS****Instructor 1: Instructional Methodology****C-ID: FIRE 250X
45 LECTURE HOURS**

This course provides the skills and knowledge needed for the entry level professional instructor to safely, effectively, and competently teach and deliver instruction from a prepared lesson plan utilizing instructional aids and evaluation instruments, adapt a lesson plan, and complete the reporting requirements to the local jurisdiction.

Entrance Requirement(s): Introduction to the Incident Command System (FEMA / IS-100.B) or National Incident Management System (FEMA / IS-700.A), or FEMA equivalent.

FIRTC-70G**2.5 UNITS****Fire and Emergency Services Instructor 2: Instructional Development (2019)****45 LECTURE HOURS**

This course provides the skills and knowledge needed for the intermediate level professional instructor to safely, effectively, and competently develop lesson plans and evaluation instruments, teach and deliver instruction, evaluate and coach other instructors, and analyze resources and formulate a program budget. Grades are P/NP Only.

Prerequisite(s): FIRTC-70F

FIRTC-70H**3 UNITS****Fire Officer 2B - Administration and Community Risk Reduction (2020)****54 LECTURE HOURS**

This course provides the skills and knowledge needed for a Fire Officer 2 to safely, effectively, and competently execute routine administrative functions, collect incident response data, and prepare concise reports; cooperate with allied organizations, address citizen concerns, and implement a community risk reduction program; describe fire inspection procedures, conduct pre-incident planning, secure incident scenes, and determine fire origin and cause; and develop and implement a project or program to support organizational change. Grades are P/NP Only.

Prerequisite(s): FIRTC-70A

FIRTC-70I**3 UNITS****Fire Officer 2C - Initial Incident Command (2020)****54 LECTURE HOURS**

This course provides the skills and knowledge needed for a Fire Officer 2 to safely, effectively, and competently acquire foundational skills and carry out initial actions, initial incident action planning, incident operations, and post-incident activities at an initial Type 4 incident. Grades are P/NP Only.

Prerequisite(s): FIRTC-70A

FIRTC-70J**.5 UNITS****Ethical Leadership for Instructors****9 LECTURE HOURS**

This course provides the knowledge and skills needed to identify the value of ethical behavior in instructional settings, describe how ethical norms influence individual ethics, identify a personal ethical perspective and core values and how they impact communication and ethical decision making, and make an ethical decision using an ethical decision-making model, in order to assist in making ethical decisions when faced with an ethical dilemma in an instructional setting and carry out the roles and responsibilities of an SFT instructor in an ethical manner. Grades are P/NP Only.

FIRTC-74**2 UNITS****Intermediate Wildland Fire Behavior S-290 (2025)****40 LECTURE HOURS**

This is a skills focused course designed to prepare the developing fireline supervisor to undertake safe and effective fire management operations. It is the second course in a series that collectively serves to develop fire behavior prediction knowledge and skills. The course will train students how to make a thorough, timely assessment of the fire environment and to anticipate changes in fire behavior based on changes in and/or alignment of the fuels, weather, and topography. Students will then practice using this information to support their decision-making and risk management on the fireline. An NWCG or CA State Fire Training Certificate is provided after successful completion of all course requirements. Additional information about this course can be found in the NWCG Course Catalog. Grading is P/NP Only.

Prerequisite(s): S-190 - Introduction to Wildland Fire Behavior

Entrance Requirement(s): Must have Fire Technology program approval to enroll in this course.

FIRTC-75**1 UNIT****Hazardous Materials-FRO-Pro Board****24 LECTURE HOURS
8 LAB HOURS**

Designed primarily for First Responders who are at risk of exposure to toxic substances. Covers type, nature, and physiological effects of hazardous materials. Designed to develop new First Responder attitudes toward health and safety and to increase safe behaviors in responding to hazardous material incidents. Upon completion of the course, students will receive certification from the California Specialized Training Institute (CSTI) in ProBoard HazMat FRO. Grades are P/NP Only.

FIRTC-76A**1.5 UNITS****Driver Operator 1A****24 LECTURE HOURS
16 LAB HOURS**

Provides information on fire apparatus, preventative maintenance and driving /operating. Topics include routine test, inspections, and

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servicing functions; operate, backing, maneuver, and turn a fire apparatus in a variety of conditions; and operate all fixed systems and equipment on a fire apparatus. Students must provide full structural personal protective equipment and fire apparatus for the final two days of class. Fulfills the requirements for a Class C Firefighter Endorsement. (L,C) Grades are P/NP Only.

Entrance Requirement(s): Must be a member of a fire department as a FT/PT or volunteer firefighter. Must have access to appropriate department fire apparatus for lab use.

FIRTC-76B**1.5 UNITS****Driver Operator 1B - Pumping Apparatus**

23 LECTURE HOURS
17 LAB HOURS

This course provides the knowledge and skills needed to operate and perform preventative maintenance on a pumping apparatus. Topics include routine tests, inspections, and servicing functions; producing hand, master, and foam fire streams; relay pump operations; and supplying water to fire sprinkler and standpipe systems. (L,M,C) Grades are P/NP Only.

Prerequisite(s): FIRTC-76A

Entrance Requirement(s): Must be a member of a fire department as a FT/PT or volunteer firefighter. Must have access to appropriate department fire apparatus for lab use.

FIRTC-77**0.5 UNIT****HAZMAT IC****16 LECTURE HOURS**

Provides participants with the capability to assume the role of Incident Commander, as defined in the Occupational Safety and Health Act Hazardous Waste Operations and Emergency Response (OSHA HAZWOPR) regulation, during an emergency response to an actual or potential hazardous materials release. Students will receive a certificate in Hazardous Materials IC from the California Specialized Training Institute (CSTI) (L,C) Grades are P/NP Only.

Entrance Requirement(s): Students must be trained in HAZMAT First Responder Operations and have completed ICS 100.S-190 or equivalent

FIRTC-85**3 UNITS****Introduction to Public Safety Careers****54 LECTURE HOURS**

This course is an introductory level course in the Public Safety Pathway. It is designed to prepare students for work in entry-level positions in Public Safety through classroom instruction, hands-on training and community experience. This course encompasses career opportunities in a variety of jobs in which the focus is ensuring the general safety and public service to the community. The careers included in this pathway primarily address law enforcement, fire protection, public safety dispatch, and emergency medical services. Instruction will focus on understanding the multitude of careers in the field of Public Safety and the various certifications available in the industry. Integrated throughout the course are career preparation standards, which include basic academic skills, communication, interpersonal skills, problem solving, workplace safety, technology, lifetime health, nutrition, fitness and employment literacy. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in AJ-85.

French

COURSES

FRNCH-1**4 UNITS****Elementary French, Part 1**

TRANSFERABLE TO CSU AND UC
72 LECTURE HOURS

Introduction to the language and culture of the French-speaking world. It includes the development of listening, speaking, reading, and writing French with an emphasis on the communicative skills, as well as the fundamentals of French grammar. This course is equivalent to one year of high school French.

FRNCH-2**4 UNITS****Elementary French, Part 2**

TRANSFERABLE TO CSU AND UC
72 LECTURE HOURS

A continuation of French 1. Provides further basic communication skills through listening, speaking, reading and writing. It includes practice at the intermediate level and review of the fundamentals of French grammar. (L)

Prerequisite(s): FRNCH-1 or One year of high school French or Placement exam: Students must score 70% or higher on a placement test administered by the Foreign Language Department or by placement.

General Education

The Cal-GETC Certificate of Achievement is designed for students who plan to transfer to a California State University, University of California, or California private or out of state college/university that accepts this general education pattern. Students pursuing an AS-T or AA-T degree must complete the entire Cal-GETC. This Certificate of Achievement may also be used by students who are undecided about their educational/career goals and need time to explore their options.

The General Education degree is approved by the California Community College Chancellor's Office and is designed to provide students with the opportunity to earn an Associate in Arts or Associate in Science degree in a broad area of study. Students who wish to transfer to a four-year college or university should consult with a counselor prior to beginning one of these general education majors for appropriate course selection. Note: Only one of these General Education degrees may be earned.

The General Education degree is approved by the California Community College Chancellor's Office and is designed to provide students with the opportunity to earn an Associate in Arts or Associate in Science degree in a broad area of study. Students who wish to transfer to a four-year college or university should consult with a counselor prior to beginning one of these general education majors for appropriate course selection. Note: Only one of these General Education degrees may be earned.

For the General Education Degree, complete one of the three broad

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areas of study listed below:

1. ARTS & HUMANITIES - Associate in Arts Degree
2. NATURAL SCIENCE - Associate in Science Degree
3. SOCIAL AND BEHAVIORAL SCIENCES - Associate in Science Degree

ARTS & HUMANITIES

ASSOCIATE IN ARTS DEGREE

This degree emphasizes the study of cultural, literary, humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation. Students will learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

REQUIRED COURSES

UNITS

Complete a minimum of 18 units from at least three different departments below (example: ENGL, PHIL, and THART):

ART 1A	History of Art-I	3
ART 1B	History of Art-II	3
ART 3A	Women in Art I	3
ART 3B	Women in Art II	3
ART 5	Art Appreciation	3
ASIAN 31	Asian-American Humanities and Culture	3
ECE 39	Children's Literature	3
ENGL 1B	Critical Thinking and Writing About Literature	4
ENGL 30A	Introduction to American Literature I	3
ENGL 30B	Introduction to American Literature II	3
ENGL 31A	Creative Writing I: Introduction to the Genres	3
ENGL 31B	Creative Writing II: Writing and Editing for Publication	3
ENGL 34	Introduction to Film	3
ENGL 36	American Ethnic Voices	3
ENGL 37	Women's Voices	3
ENGL 42	Introduction to Shakespeare	3
ENGL 46A	Introduction To British Literature I	3
ENGL 46B	Introduction to British Literature II	3
FRNCH 1	Elementary French, Part 1	4
HIST 4A	Western Civilization I: From Pre-History to the 18th Century ..	3
HIST 4B	Western Civilization II: From 18th Century to Modern	3
HIST 5A	World Civilizations	3
HIST 5B	World Civilizations	3
HIST 7	Indians of North America	3
HIST 14	Asian-American History	3
HIST 15	Mexican-American History	3
HIST 16A	African-American History To 1865	3
HIST 16B	African-American History	3
HIST 17A	United States History	3
HIST 17B	United States History	3
HUMAN 10	Introduction to Western Humanities	3
HUMAN 11	Art, Literature and Music in Humanities	3
HUMAN 20	Introduction To World Myth	3
HUMAN 26A	Women in Art I	3
HUMAN 26B	Women in Art II	3
HUMAN 31	Asian-American Humanities & Cultures	3
MUSIC 1	Music Fundamentals	3
MUSIC 1A	Music Theory I	3
MUSIC 1B	Music Theory II	3
MUSIC 3	Music Appreciation	3
MUSIC 8A	Music History I	3
MUSIC 8B	Music History II	3
MUSIC 12	Jazz Appreciation	3
MUSIC 15	Popular Music in The United States	3
MUSIC 16	World Music	3
PHIL 1	Introduction to Philosophy	3
PHIL 2	Ethics	3

PHIL 3	Philosophy of Religion	3
PHIL 20	World Religions	3
PHOTO 13	Introduction to Digital Photography	3
SIGN 1	American Sign Language 1	4
SIGN 2	American Sign Language 2	4
SIGN 3	American Sign Language 3	4
SPAN 1	Elementary Spanish Part 1	4
SPAN 2	Elementary Spanish Part 2	4
SPAN 3	Intermediate Spanish Part 1	4
SPAN 4	Intermediate Spanish Part 2	4
SPAN 10	Introduction to Spanish	3
SPAN 20A	Spanish for Heritage Speakers	4
SPAN 20B	Spanish for Heritage Speakers	4
SPAN 36	Literatura Hispano-Americana	3
SPECH 2	Oral Interpretation of Literature	3
THART 10	Introduction To Theatre	3
THART 33	History of Film	3
THART 34	Introduction to Film	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR

18

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

NATURAL SCIENCE

ASSOCIATE IN SCIENCE DEGREE

This degree allows the student to take courses that will prepare them for possible majors within the fields of science, including the allied health fields, nursing preparation, health science and related fields, pre-med and more.

Students who complete this program should be able to:

1. Analyze data effectively using current technology.
2. Communicate scientific ideas and principles clearly and effectively.
3. Analyze and apply fundamental mathematical, physical, and chemical concepts and techniques to scientific issues.
4. Apply fundamental concepts and techniques.

REQUIRED COURSES

UNITS

Complete a minimum of 18 units from at least three different departments below (example: ASTRO, GEOL, and STAT). At least one course must be Mathematics or Statistics.

ANTHR 1	Introduction to Physical Anthropology	3
ASTRO 1	Introduction To Astronomy	3
BIOL 1	Principles of Biology	5
BIOL 2	General Zoology	4
BIOL 3	General Botany	4
BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
BIOL 6	Introductory Microbiology	4
BIOL 10	General Biology	3
BIOL 10L	General Biology with Lab	4
BIOL 11	General Biology Laboratory	1
BIOL 15	Bioscience	4
BIOL 25	Human Genetics	3
CHEM 1A	General Chemistry	5
CHEM 1B	General Chemistry	5
CHEM 2A	Introductory Chemistry I	5
CHEM 10	Concepts of Chemistry	3
ECOL 10	Environment-Concepts and Issues	3
ECOL 11	Environment Lab	1
ECOL 12	Marine Ecology	3
GEOG 1	Physical Geography	3
GEOL 8	Earth Science	3
GEOL 10L	Physical Geology	4

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GEOL 11L	Historical Geology	4
MATH 1A	Single Variable Calculus I -- Early Transcendentals	4
MATH 1B	Single Variable Calculus II -- Early Transcendentals	4
MATH 9	Calculus for Business, Social and Life Sciences.....	4
MATH 10	Liberal Arts Mathematics	3
MATH 15	Concepts and Structures of Mathematics.....	3
MATH 16	Concepts and Structures of Mathematics.....	3
MATH 21	Plane Trigonometry	4
PHYS 2A	General Physics I	3
PHYS 2B	General Physics II	3
PHYS 3A	General Physics Laboratory I.....	1
PHYS 3B	General Physics Laboratory II.....	1
PHYS 4A	Mechanics	4
PHYS 4B	Electromagnetism.....	4
PHYS 10B	Physical Science - Physics & Chemistry	3
PHYS 10C	Physical Science - Physics and Chemistry Lab.....	1
PLSCI 20	Principles of Plant Science.....	3
PLSCI 20A	Principles of Plant Science Lab	1
PLSCI 22	Introduction To Soils.....	3
PLSCI 22A	Introduction To Soils Lab.....	1
STAT C1000	Introduction To Statistics.....	4

TOTAL UNITS REQUIRED FOR MAJOR DEGREE 18

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

SOCIAL AND BEHAVIORAL SCIENCES

ASSOCIATE IN SCIENCE DEGREE

This degree emphasizes the perspective, concepts, theories and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and as members of a larger society. Topics and discussion to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate.

Students who complete this program should be able to:

1. Employ concepts and research methodologies from a variety of social and behavioral science disciplines.
2. Demonstrate understanding of how the self is shaped by membership in modern society.
3. Demonstrate understanding of and ability to delineate how different social subgroups have responded to their societies under different historical and cultural conditions.

REQUIRED COURSES UNITS

Complete a minimum of 18 units from at least three different departments below (example: ECON, PSYCH, and SOCIL):

AJ 10	Introduction to Criminal Justice System.....	3
ANTHR 2	Cultural Anthropology	3
ECE 3	Child Growth and Development.....	3
ECE 31	Child, Family, Community	3
ECON C2001	Principles of Microeconomics	3
ECON C2002	Principles of Macroeconomics	3
ETHN 1	Introduction to Chicana and Chicano Studies.....	3
FTVE 2	Introduction to Electronic Media.....	3
HIST 4A	Western Civilizations I: From Pre-History to the 18th Century	3
HIST 4B	Western Civilizations II: From 18th Century to Modern	3
HIST 5A	World Civilizations to 1500	3
HIST 5B	World Civilizations since 1500.....	3
HIST 7	Indigenous Peoples History.....	3
HIST 14	Introduction to Asian American Studies	3
HIST 15	Mexican-American History	3

HIST 16A	African-American History to 1877	3
HIST 16B	African-American History: 1877 to Present.....	3
HIST C1001	United States History to 1877	3
HIST C1002	United States History since 1865	3
POLS C1000	American Government and Politics	3
PSYC C1000	Introduction to Psychology	3
PSYCH 12	Human Sexuality and Sexual Behavior	3
PSYCH 22	Social Psychology.....	3
PSYCH 33	Personal and Social Adjustment.....	3
PSYCH 41	Lifespan Development	3
PSYCH 46	Introduction to Abnormal Psychology.....	3
SOCIL 1	Introduction to Sociology	3
SOCIL 2	Social Problems	3
SOCIL 5	Sociology of Race and Ethnicity	3
SOCIL 10	Sociology of Marriage and Family	3
SPECH 8	Intercultural Communication.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

CALIFORNIA GENERAL EDUCATION TRANSFER CURRICULUM (Cal-GETC)

CERTIFICATE OF ACHIEVEMENT

This Certificate of Achievement is designed primarily for students planning to transfer to a California State University or University of California (UC) campus. It would also work for students planning to transfer to some California private and some out-of-state colleges and universities. Completion ensures that the student has met the lower division general education for all UC and CSU campuses as well as the lower division general education of some California private and out-of-state colleges and universities. In addition, students pursuing an AS-T or AA-T degree may complete the entire general education pattern for the degree by completing the CSU version of the IGETC for a minimum total of 37 units. must complete Cal-GETC to satisfy the entire general education required for the transfer degree.

A minimum of 34 total units is required with a specified number of units in each area. Courses may be listed in more than one area, but shall not be counted in more than one area, unless otherwise noted.

Each year courses are added and removed from the list of approved courses for this program. For courses to count for this certificate, the course must be on the approved list at the time it is completed. These changes are listed in the Yuba College catalog, on the Counseling Department Cal-GETC advising sheet, and on the ASSIST.org site. Students are advised to consult a counselor to ensure that they are enrolled in courses that will satisfy these requirements.

At this time, this Certificate of Achievement will not replace the Cal-GETC Certification document. Certification of Cal-GETC is a separate process initiated at the Admissions and Records Office and is usually completed at the same time students request final, official transcripts to be sent to the UC, CSU, California private, or out-of-state college or university to which the student has been accepted and plans to attend. Cal-GETC certification requires all classes to be completed with a "C" or better grade.

Students who complete this program should be able to:

1. Demonstrate effective expository and persuasive writing skills.
2. Demonstrate effective mathematical computation and quantitative reasoning skills.
3. Evaluate ideas about the natural universe using testable

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- methodology.
- 4. Demonstrate global awareness with an understanding of cultural pluralism.
 - 5. Evaluate methods of inquiry and evidence used in the behavioral sciences.

REQUIRED COURSES	UNITS
AREA 1-ENGLISH COMMUNICATION (9 units)	
AREA 1A: English Composition.....	3
AREA 1B: Critical Thinking and Composition	3
AREA 1C: Oral Communication	3
AREA 2-MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING (3 units)	
AREA 2: Mathematical Concepts and Quantitative Reasoning.....	3
AREA 3- ARTS AND HUMANITIES (6 units)	
AREA 3A: Arts	3
AREA 3B: Humanities.....	3
AREA 4- SOCIAL AND BEHAVIORAL SCIENCES (Must be selected from two	
different disciplines) (6 units)	
AREA 4: Social and Behavioral Sciences.....	3
AREA 4: Social and Behavioral Sciences.....	3
AREA 5-PHYSICAL AND BIOLOGICAL SCIENCES (7 units)	
AREA 5A: Physical Science	3-4
AREA 5B: Biological Sciences	3-4
AREA 5C: Laboratory Activity (included in a 5A or 5B course or taken	
separately to accompany a 5A or 5B course.....	0-1
AREA 6: ETHNIC STUDIES (3 Units)	
AREA 6: Ethnic Studies	3
TOTAL UNITS REQUIRED FOR CERTIFICATE	34

For required courses, see the Cal-GETC Pattern in the Appendix or meet with a counselor.

Geography

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

CERTIFICATE OF ACHIEVEMENT

Geographic Information Systems (GIS) is a computer-based system that integrates geographical data with descriptive data for the mapping, analysis, and assessment of real-world problems. GIS professionals apply fundamental concepts of geographic information science and technology to prepare maps and visualizations. The maps and visualizations are used to display data and applied to find solutions for real-world problems. This program provides students with the concepts, methods, and applications of Geographic Information Systems (GIS), by using project-based training and industry standard software and hardware.

Emphasis is on the techniques used to capture, store, query, analyze, and display spatial data. Specific topics include applications of GIS, geographic information and scale, coordinate systems, geospatial data models, data classification and symbolization, query and selection, cartographic design, data acquisition, data quality, geoprocessing, relational databases, metadata, spatial analysis, and GIS software.

Students who complete this program may get entry-level jobs as GIS analysts, or GIS technicians in government, agencies, such as Fish and Wildlife, Water Resources, Department of Health, utility companies, and federal agencies including Environmental Protection, Geological Survey, and National Parks; and public safety agencies including Fire, Police, and Emergency Services. Other employers include engineering, archaeological, and consulting firms.

Students who complete this program should be able to:

- 1. Comprehend and apply fundamental concepts and practices of Geographic Information Systems (GIS) and advances in Geospatial Technology.
- 2. Apply GIS analysis to address geospatial problems and/or research questions.
- 3. Demonstrate proficiency in the use of GIS tools to create maps that are fit-for-purpose and effectively convey the information they are intended to.
- 4. Effectively communicate and present projects results in oral, written, and graphic forms

REQUIRED COURSES	UNITS
COMSC 3 Introduction to SQL Programming.....	3
GEOG 10 Introduction to Geographic Information Systems.....	3
GEOG 11 Spatial Analysis and Modeling in GIS	3
GEOG 12 Cartographic Design for GIS	3
GEOG 13 Introduction to Web GIS Applications	3

Complete one course from the following:

COMSC 4 Python Programming	1.5
NTRSC 15 Internship in Natural Resources	1.5-6

TOTAL UNITS REQUIRED FOR CERTIFICATE	16.5-21
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COURSES

GEOG-1	3 UNITS
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Physical Geography

TRANSFERABLE TO CSU AND UC

C-ID: GEOG 110

54 LECTURE HOURS

A spatial study of Earth's dynamic physical systems and processes. Topics include maps, earth-sun relations, weather, climate, water, landforms, soils, and the biosphere. Emphasis is on interrelationships among systems and processes and their resulting patterns and distributions. (L)

GEOG-1L	1 UNIT
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Physical Geography Laboratory

TRANSFERABLE TO CSU AND UC

54 LAB HOURS

Application of the concepts, techniques, tools, and materials of physical geography. Practical exercises, experiments, observations, data analyses, and computer applications/simulations which augment understanding of geographic processes, interrelationships, spatial patterns and distributions. Use of maps, remotely-sensed imagery, and geographic information systems. Includes locational reference systems, time-space relationships, weather, climate, soils, vegetation, and landforms. Field trips/field projects may be included.

Co-requisite(s): GEOG-1

GEOG-5	3 UNITS
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World Regional Geography

TRANSFERABLE TO CSU AND UC

54 LECTURE HOURS

Survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions.

GEOG-6

3 UNITS

Introduction to Weather and Climate

TRANSFERABLE TO CSU AND UC

C-ID: GEOG 130

54 LECTURE HOURS

Introduction to the Earth's atmosphere: topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate and climate change. Grades are P/NP Option.

GEOG-10

3 UNITS

Introduction to Geographic Information Systems

TRANSFERABLE TO CSU AND UC

50 LECTURE HOURS

12 LAB HOURS

Study of Geographic Information Systems (GIS) science and its applications to spatial data management. Identification and acquisition of GIS data. This course provides an introduction the concepts, methods, and applications of Geographic Information Systems (GIS). It emphasizes the techniques used to capture, store, query, analyze and display spatial data. Specific topics include applications of GIS, geographic information and scale, coordinate systems, geospatial data models, data classification and symbolization, query and selection, cartographic design, data quality, geoprocessing, relational databases, metadata, spatial analysis and GIS software. Grades are P/NP Option.

GEOG-11

3 UNITS

Spatial Analysis and Modeling in GIS

TRANSFERABLE TO CSU

27 LECTURE HOURS

81 LAB HOURS

This course provides the conceptual and practical foundations for using Geographic Information Systems (GIS) software. It emphasizes basic GIS software functionality including map display, attribute and spatial query, address geocoding, spatial database management, spatial analysis, cartographic presentation, and spatial data management. Also, it provides a survey of the various concepts, approaches, and tools involved in the analysis and modeling of spatial data using Geographic Information Systems (GIS). It emphasizes the use of spatial and statistical analysis, geoprocessing, and spatial modeling to investigate spatial distributions and relationships, answer spatial questions, and solve spatial problems. Specific topics include attribute and spatial query, geoprocessing, model building, distance and density surfaces, cluster analysis, network analysis, map algebra, surface interpolation and resampling, hydrologic analysis, 3D display/animation, and regression analysis. Grades are P/NP Option.

Prerequisite(s): GEOG-10

GEOG-12

3 UNITS

Cartographic Design for GIS

TRANSFERABLE TO CSU

54 LECTURE HOURS

This course provides an introduction to map design and production in the context of Geographic Information Systems (GIS). It emphasizes the concepts and methods associated with designing and producing thematic maps. Specific topics include data standardization and classification, symbolization, map projections, map elements, typography, cartographic design, thematic mapping techniques (choropleth, proportional symbol, dot, isarithmic, and multivariate), color in cartography, history of cartography, and map reproduction. Map critique sessions are also held. Grades are P/NP Option.

Prerequisite(s): GEOG-10

GEOG-13

3 UNITS

Introduction to Web GIS Applications

TRANSFERABLE TO CSU

50 LECTURE HOURS

12 LAB HOURS

This course introduces the development of Web-based Geographic Information Systems (GIS) solutions. Map authoring and Web service management tools are used to teach the techniques of creating, managing, maintaining, and deploying Web map services. It also introduces several options for using published Web map services for Web-based and mobile mapping applications. Grades are P/NP Option.

Advisory: GEOG-10 and computer skills to include: use the mouse as navigational tool to select menus, text, and screen options; manipulate and manage files using a file manager; use basic operating system commands to list, copy, move, and erase files, create subdirectories, and change default drives; and know basic functions of Microsoft Word and Excel.

GEOG-40

1-2 UNITS

Regional Field Studies in Mountain Landscapes

TRANSFERABLE TO CSU

14 LECTURE HOURS; 12 LAB HOURS (1 UNIT)

28 LECTURE HOURS; 24 LAB HOURS (2 UNITS)

A field course focused on mountain regions, exploring their geological features, processes, and environmental impacts. This course includes field-based observations of mountain formations, hydrology, and soils associated with mountain terrains. Field studies will include weekend trips or week-long expeditions, with potential camping in designated campgrounds. Students will engage in identifying mountain features, interpreting processes, and analyzing the interaction of mountainous systems with ecosystems and human activity. Designed to complement other geography courses and deepen understanding of Earth's dynamic systems. Grades are P/NP Option.

Advisory: Activities may involve walking on uneven terrain over several miles. Appropriate fitness levels are advised.

GEOG-41

1-2 UNITS

Regional Field Studies in Geography

TRANSFERABLE TO CSU

14 LECTURE HOURS; 12 LAB HOURS (1 UNIT)

28 LECTURE HOURS; 24 LAB HOURS (2 UNITS)

This course provides students with an immersive exploration of California's diverse physical and cultural geography. Through lectures and field experiences, students will examine the interplay between the state's physical features—such as landforms, hydrology, and climate—and its cultural history, including Indigenous populations and subsequent human settlements. The course investigates how natural resources shaped human activities, settlements, and economies over time, offering insights into the dynamic relationship between people and their environment. The course is suitable for students in geography, environmental studies, natural resources, history, and anthropology. Grades are P/NP Option.

Advisory: Activities may involve walking on uneven terrain over several miles. Appropriate fitness levels are advised.

GEOG-42

1-2 UNITS

Regional Field Studies in Coastal Geography

TRANSFERABLE TO CSU

14 LECTURE HOURS; 12 LAB HOURS (1 UNIT)

28 LECTURE HOURS; 24 LAB HOURS (2 UNITS)

A field course focused on coastal regions, exploring their geographical features, processes, and environmental impacts. This course includes guided field-based observations of coastal formations, hydrology, and ecosystems associated with various coastal terrains. Field excursions

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may involve weekend trips or week-long expeditions, with potential camping in designated areas. Students will engage in identifying coastal features, interpreting processes, and analyzing the interaction of coastal systems with ecosystems and human activity. Designed to complement other geography courses and deepen understanding of Earth's dynamic coastal systems. Grades are P/NP Option.

Advisory: Activities may involve walking on uneven terrain over several miles. Appropriate fitness levels are advised.

GEOG-43**1-2 UNITS****Regional Field Studies in Arid Landscapes****TRANSFERABLE TO CSU****14 LECTURE HOURS; 12 LAB HOURS (1 UNIT)****28 LECTURE HOURS; 24 LAB HOURS (2 UNITS)**

This course immerses students in the arid landscapes of California, focusing on their physical and cultural geography. Through lectures and fieldwork, students will examine the interplay between the state's arid landforms, hydrology, climate, and their influence on ecosystems and human activities. The course emphasizes the unique challenges and adaptations of Indigenous populations, early settlers, and modern communities in these harsh environments. It is suitable for students in geography, environmental studies, natural resources, history, and anthropology. Grades are P/NP Option.

Advisory: Activities may involve walking on uneven terrain over several miles. Appropriate fitness levels are advised.

Geology

GEOLOGY

ASSOCIATE IN SCIENCE FOR TRANSFER

Geology is an interdisciplinary science that combines geological observations and concepts with those of physics, chemistry, biology and mathematics in order to study the earth, its physical environments, and its history. By studying rocks, fossils, and minerals, and by learning to read and interpret maps, geologists seek to understand those geologic principles and processes that shape the earth and its environments.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Identify basic rock types and describe the formation environment.

2. Describe the geologic time scale and significant earth events that define eras, periods, and epochs.
3. Describe the unique tectonic evolution of California and its major geologic provinces.

REQUIRED COURSES**UNITS**

CHEM 1A	General Chemistry.....	5
CHEM 1B	General Chemistry.....	5
GEOL 10L	Physical Geology.....	4
GEOL 11L	Historical Geology.....	4
MATH 1A	Single Variable Calculus I - Early Transcendentals.....	4
MATH 1B	Single Variable Calculus II - Early Transcendentals.....	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR**26**

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (Pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

COURSES

GEOL-8**3 UNITS****Earth Science****TRANSFERABLE TO CSU AND UC****C-ID: GEOL 120****54 LECTURE HOURS**

Survey course with topics chosen principally from oceanography, geology, physical geography, meteorology, and astronomy. Topics are presented within a theme of understanding the earth. (L)

GEOL-8L**1 UNIT****Earth Science Laboratory****TRANSFERABLE TO CSU AND UC****54 LAB HOURS**

The laboratory component to the essentials of Earth Science including the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather and climate.

Co-requisite: GEOL-8

GEOL-10L**4 UNITS****Physical Geology****TRANSFERABLE TO CSU AND UC****C-ID: GEOL 101****54 LECTURE HOURS****54 LAB HOURS**

Physical geology introduces the processes that are at work changing the Earth today. Covers rocks and minerals, volcanoes, earthquakes and plate tectonics. It also examines how water and wind shape the Earth's surface. (L,C)

Limitations on Enrollment: Course not open for credit to students with credit in GEOL-10.

GEOL-11L**4 UNITS****Historical Geology****TRANSFERABLE TO CSU AND UC****C-ID: GEOL 111****54 LECTURE HOURS****54 LAB HOURS**

Historical Geology is the study of the evolution of life and landforms through geologic time through the examination of the rock record. In this course one will learn how the study of fossils, rocks, tectonic processes, and geologic structures can provide us with information regarding Earth's geologic and biologic history (L)

GEOL-12

3 UNITS

Oceanography

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

General introduction to the basic principles of oceanography, including the study of geological, physical, and chemical oceanography. Topics will include the origin of Earth and the oceans, plate tectonics, marine provinces, sediment, seawater composition and geochemical distributions, surficial and deep-water oceanic circulation, waves, tides, coastal erosion and deposition, marine ecosystems and human's effects on the oceans. (L)

GEOL-20

3 UNITS

Geology of California

TRANSFERABLE TO CSU AND UC
C-ID: GEOL 200
54 LECTURE HOURS

General introduction to the geological sciences with emphasis on the geology of California. Topics covered will include the tectonic provinces, landforms, natural resources, geologic history, natural hazards, and related geologic environmental problems in the state. (L)

Health Education

HLTH-1

3 UNITS

Health and Life Style Choices

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
54 LECTURE HOURS

This course focuses on health and wellness concepts important in making informed choices about one's physical, mental, and emotional well-being. A personal approach to health and wellness will be explored through self-assessment and practical application to every day life. Topics such as fitness, obesity, weight management, nutrition, stress, substance use and abuse, prevention of diseases, sexual health, relationships, mental health, cardiovascular disease, cancer, and healthy aging will be discussed.

HLTH-3

3 UNITS

First Aid & CPR for Kinesiology Majors

TRANSFERABLE TO CSU AND UC
C-ID: KIN 101
54 LECTURE HOURS
2 LAB HOURS

This course involves the theory and detailed demonstration of the first aid care of the injured. The student will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR, and AED (automated external defibrillator) certification(s) will be granted upon successful completion of requirements. Grades are P/NP Option.

HLTH-4

3 UNITS

Psychosocial Health

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
54 LECTURE HOURS

Explores how attitudes and emotions affect physical health along with emotional health, and how psychosocial health can play a role in prevention of disease. This class presents current research on the link between the mind and the body.

HLTH-5

3 UNITS

Sport Psychology

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Provides a concentrated study of human behavior in the context of participating in sport and how behavior (performance) is affected by other sources. Includes study about motivation, the brain's impact on performance, stress, goal setting, sport imagery and current research into sport performance.

HLTH-6

3 UNITS

Aging and Health

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Designed to introduce students to the basic aging and health concerns of older people and to broader issues of aging, health and society. Examines the: demography of the aging population, biological theories of aging, social and psychological aspects of aging, and the aging of the body's major physiological systems. Grades are P/NP Option.

HLTH-10

3 UNITS

Principles of Nutrition

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: NUTR 110
54 LECTURE HOURS

In-depth study of nutrients and their functions, chemical composition of foods and their utilization in the body. Course topics such as weight loss, sports nutrition, food safety, the diet-disease relationship, global nutrition, and individual's nutritional needs throughout the life cycle are emphasized. Course includes assessment of the student's own nutritional health.

HLTH-13

3 UNITS

Nutrition and Life Fitness

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
54 LECTURE HOURS

The analysis and evaluation of current practices and theories regarding nutrition and exercise and their relationship to weight control and physical fitness. Individualized exercise prescription and nutritional analysis will be completed by each student.

History

HISTORY

ASSOCIATE IN ARTS FOR TRANSFER
*PENDING COCI REVIEW AND APPROVAL

The Associate in Arts in History for Transfer degree provides students with the opportunity to complete the freshman/sophomore level classes needed for a Bachelors degree in History within the California State University System. Upon completion of the Associate in Arts in History for Transfer degree, students will be able to use knowledge of the past and accumulated analytical and critical thinking skills to gain perspective on current social, political, and economic dynamics and apply any conclusions about the past and present to the process of creating better local, national, and global societies.

History is a study of the past. The past not only defines our lives, society, and the world we live in today, but shapes the pathway to the

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future. Students of history study individuals, groups, communities, nations, people, and cultures from different times and places. Many different methods are applied to effectively learn about history. History students examine the past through different perspectives and apply various analytical techniques to raise questions and think critically about the past. In addition to learning about amazing events, history provides us with a better understanding of our present lives.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Analyze evidence of key turning points in history.
2. Examine the experiences of people upon global development.
3. Recognize the impact of historical events on contemporary issues.

REQUIRED COURSES UNITS

Required Courses (6 units)

HIST C1001 United States History to 1877	3
HIST C1002 United States History since 1865	3

List A: Complete two courses from the following:

HIST 4A Western Civilization I: From Pre-History to the 18th Century OR	3
HIST 5A World Civilizations to 1500	3
HIST 4B Western Civilization II: From 18th Century to Modern OR	3
HIST 5B World Civilizations since 1500	3

List B: Complete one course from Group 1 and one course from Group 2

Group 1: Complete one course from the following or HIST 5A or HIST 5B if not already used in List A:

HIST 5A World Civilizations to 1500 (if not already used)	3
HIST 5B World Civilizations since 1500 (if not already used)	3
HIST 7 Indigenous Peoples History	3
HIST 14 Introduction to Asian American Studies	3
HIST 15 Mexican American History	3
HIST 16A African-American History To 1877	3
HIST 16B African-American History: 1877 to Present	3
HIST 29 Women in American History	3

Group 2: Complete one course from the following or HIST 4A, HIST 4B, HIST 5A, or HIST 5B if not already used:

ANTHR 2 Cultural Anthropology	3
ASIAN 31 Asian-American Humanities and Cultures	3
ECON C2001 Principles of Microeconomics	3
ECON C2002 Principles of Macroeconomics	3
HIST 4A Western Civilization I: From Pre-History to the 18th Century (if not already used)	3
HIST 4B Western Civilization II: From 18th Century to Modern (if not already used)	3
HIST 5A World Civilizations to 1500 (if not already used)	3
HIST 5B World Civilizations since 1500 (if not already used)	3
HUMAN 10 Introduction To Western Humanities	3

HUMAN 11 Art, Literature and Music in Humanities	3
POLS C1000 American Government and Politics	3
POLSC 2 Comparative Politics	3
SOCIL 1 Introduction to Sociology	3
SOCIL 5 Sociology of Race and Ethnicity	3
HUMAN 31 Asian-American Humanities & Cultures	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

HISTORY

ASSOCIATE IN ARTS

Upon completion of the Associate in Arts in History, students will be able to use knowledge of the past and accumulated analytical and critical thinking skills to gain perspective on current social, political, and economic dynamics and apply any conclusions about the past and present to the process of creating better local, national, and global societies.

History is a study of the past. The past not only defines our lives, society, and the world we live in today, but shapes the pathway to the future. Students of history study individuals, groups, communities, nations, people, and cultures from different times and places. Many different methods are applied to effectively learn about history. History students examine the past through different perspectives and apply various analytical techniques to raise questions and think critically about the past. In addition to learning about amazing events, history provides us with a better understanding of our present lives.

The Associate in Arts in History requires students to also complete the following:

- Completion of 60 semester units or 90 quarter units.
- Obtainment of a minimum grade point average of 2.0.
- Earn a grade of "C" or better in all courses required for the major or area of emphasis.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

Students who complete this program should be able to:

1. Demonstrate a breadth and depth of historical knowledge including but not limited to analysis of historical evidence to evaluate the causes and effects of key turning points in the human experience.
2. Examine the experiences of various people throughout time and space and their significance to global development.
3. Demonstrate an understanding of the ways in which modern day people are profoundly impacted by historical events and how an appreciation of the past should inform how we approach contemporary issues.

REQUIRED COURSES UNITS

Required Courses (6 units)

HIST C1001 United States History to 1877	3
HIST C1002 United States History since 1865	3

List A: Complete two courses from the combination of HIST 4A and HIST 4B or the combination of HIST 5A and HIST 5B:

HIST 4A Western Civilization I: From Pre-History to the 18th Century AND	3
HIST 4B Western Civilization II: From 18th Century to Modern	3
OR	
HIST 5A World Civilizations to 1500 AND	3
HIST 5B World Civilizations since 1500	3

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List B: Complete two courses from the following or HIST 5A or HIST 5B if not used above:

ECON C2001 Principles of Microeconomics	3
ECON C2002 Principles of Macroeconomics	3
HIST 5A World Civilizations to 1500 (if not already used) OR	3
HIST 5B World Civilizations since 1500 (if not already used)	3
HIST 7 Indigenous Peoples History	3
HIST 14 Introduction to Asian American Studies	3
HIST 15 Mexican American History	3
HIST 16A African-American History To 1877	3
HIST 16B African-American History: 1877 to Present	3
HIST 29 Women in American History	3
HUMAN 10 Introduction To Western Humanities	3
POLS C1000 American Government and Politics	3
SOCIL 1 Introduction to Sociology	3
SOCIL 5 Sociology of Race and Ethnicity	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COURSES

HIST-C1001 (formerly HIST-17A) 3 UNITS

United States History to 1877

TRANSFERABLE TO CSU AND UC
C-ID: HIST 130
54 LECTURE HOURS

This course is a historical survey of the United States, from Indigenous North America to the end of Reconstruction. The course also introduces students to historical reasoning skills.

Survey of U.S. history tracing the political, social, economic, and cultural development of American ideals and actions from the Pre-Revolutionary Period through the Civil War and Reconstruction Eras. Satisfies CSU Title V, Section 40404, U.S. History, Constitution, and American Ideals requirement when both HIST 17A and POLSC 1 are completed.

HIST-C1002 (formerly HIST-17B) 3 UNITS

United States History Since 1865

TRANSFERABLE TO CSU AND UC
C-ID: HIST 140
54 LECTURE HOURS

This course is a historical survey of the United States from the end of the Civil War to the present. The course also introduces students to historical reasoning skills.

Political, social, economic, and cultural history of the United States from the Industrial Revolution to the present. Focuses on the ideals, decisions, forces, institutions, individuals, events, and processes that affected the continuity and change during this time. Satisfies CSU Title V, Section 40404, U.S. History, Constitution, and American Ideals requirement when both HIST 17B and POLSC 1 are completed.

HIST-4A 3 UNITS

Western Civilizations I: From Pre-History to the 18th Century

TRANSFERABLE TO CSU AND UC
C-ID: HIST 170
54 LECTURE HOURS

Broad historical study of the major elements of the western tradition from earliest times to the Eighteenth century. Introduction of ideas, values, and institutions basic to Western civilizations. (L) Grades are P/NP Option.

HIST-4B 3 UNITS

Western Civilizations II: From 18th Century to Modern

TRANSFERABLE TO CSU AND UC
C-ID: HIST 180
54 LECTURE HOURS

Historical study of the major elements of the western experience for the Eighteenth century to the present. Includes major political and social developments that have revolutionized the modern mode of human existence. (L) Grades are P/NP Option.

HIST-5A 3 UNITS

World Civilizations to 1500

TRANSFERABLE TO CSU AND UC
C-ID: HIST 150
54 LECTURE HOURS

A survey of world history from the origins of humankind to 1500, emphasizing the emergence and interaction of major civilizations across Africa, Asia, Europe, and the Americas. Students will explore how political, economic, social, geographic, cultural, and religious or philosophical systems shaped human experience and global connections. Topics include the formation of complex societies, the development of major belief systems, the impact of environment and technology, and the enduring legacies of early civilizations. Grades are P/NP Option.

HIST-5B 3 UNITS

World Civilizations since 1500

TRANSFERABLE TO CSU AND UC
C-ID: HIST 160
54 LECTURE HOURS

This course covers the experiences of all the world's people from the early modern era to the present. Emphasis is upon the interaction of people with the environment based upon the development of technology and conflicts between traditional systems and new(er) orders. Grades are P/NP Option.

HIST-7 3 UNITS

Indigenous Peoples History

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

History of Indigenous Nations and peoples from Pre-Contact to the present. Covers the impact of European contact, trade, and colonization; examines the effects of United States political, economic, and social policies on Indigenous Peoples throughout U.S. history with an emphasis on the U.S. Constitution and Federal Indian Law. Emphasis on Indigenous Peoples' attempts to protect their sovereignty, retain their cultural identity, and revitalize their societies across pre-colonial, global colonial, and American History.

HIST-14 3 UNITS

Introduction to Asian American Studies

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This course is a critical study of the Asian American experience. Students will read scholarly, literary, and visual texts in order to understand how the interdisciplinary field of Asian American Studies confronts issues of Asian American immigration, racialization, exclusion, social and political activism, assimilation, community-building, and transnationalism. It explores questions of gender and sexuality, race and class, war and imperialism, and culture and memory, and the forces that have shaped the experience of Asian Americans. It will also focus on how Asian Americans negotiate

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and often resist such forces through political and creative means of expression. (L,C) Grades are P/NP Option.

Limitations on Enrollment: Not open for credit to students with credit in ETHN-14.

HIST-15**3 UNITS****Mexican American History**

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Historical development of Mexican Americans from Mexican origin, settlement in the United States, to the present time. Emphasis is given to the pre-Columbian setting, the indigenous heritage, European conquest and legacy, distinctive colonial institutions, and the growth of independence movements in the United States and Mexico. Major political, social, economic, and cultural factors will be presented, focusing on the roles played by diverse peoples and cultures who share in the development of the United States and Mexico. (L,C) Grades are P/NP Option.

Limitations on Enrollment: Not open for credit to students with credit in ETHN-15.

HIST-16A**3 UNITS****African-American History To 1877**

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

History of African-Americans from the pre-European West African kingdoms to the end of Reconstruction, focusing on major events that shaped the United States. Emphasis on the political, social, and economic contributions of people of African descent, the transatlantic slave trade, the institution of slavery, free Black communities in the North, and the abolitionist movement. Exploration of African American resilience, resistance, and influence in shaping American history.

HIST-16B**3 UNITS****African-American History: 1877 to Present**

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Examines the experiences and contributions of African Americans from the Reconstruction era to the present, highlighting their role in shaping the political, social, and economic landscape of the United States. The course explores key events and movements, including the struggle for civil rights, the Great Migration, the Harlem Renaissance, and the rise of Black Power.

HIST-29**3 UNITS****Women in American History**

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This course offers a survey of U.S. women's history, including the origin and development of the nation's political, social, economic, intellectual, philosophical and cultural institutions, from pre-contact indigenous societies to the modern era. The diverse roles, experiences and contributions of European American, Native American, African American, Mexican American, and Asian American women are emphasized throughout the course. Grades are P/NP Option.

Human Services

CHEMICAL DEPENDENCY COUNSELOR

ASSOCIATE IN SCIENCE

The Chemical Dependency Counseling program develops and strengthens specific skills and abilities needed to provide comprehensive chemical dependency treatment. Course work addresses a wide-range of issues and ethics in chemical dependency treatment, including the twelve counselor core functions: screening, intake, assessment, client orientation, treatment planning, counseling, case management, crisis intervention, client education, referral, report and record keeping, and consultation with other professionals. Chemical Dependency Counselors support individuals with addressing and maintaining sobriety. The Chemical Dependency Counseling Associate degree exceeds the minimum standards for entry into certification as a Certified Addictions Treatment Counselor II (CATC II), established by the federal Substance Abuse and Mental Health Services Administration, and certification agencies in the State of California and includes a 260 hour supervised internship. Degree completers will qualify to apply for certification as a CATC II through state-approved certification boards.

Completion of the Associate of Science degree will assist students in obtaining multiple career opportunities including but not limited to, Behavioral Health and Chemical Dependence Case Manager, Behavioral Health Counselor, Chemical Dependency Counselor and Treatment Facilities Counselor.

Students who complete this program should be able to:

1. Demonstrate skills and abilities and appropriately apply knowledge to chemical dependency counseling settings and situations.
2. Acquire sufficient hours of experience in the twelve core counseling functions as required by California certification agencies in the context of a field work placement.
3. Demonstrate communication skills (verbal, non-verbal, and written) to ensure that they can work effectively with clients and other professionals in diverse communities.
4. Understand and demonstrate ethical behavior in a variety of challenging and diverse environments and situations.
5. Display an appreciation and respect for people from diverse backgrounds, including, but not limited to, cultural elements, gender, race/ethnicity, sexual orientation/identification, religion, ability/disability, and socio-economic status.

REQUIRED COURSES**UNITS**

HUSEV 11	Working with Diverse Communities	3
HUSEV 20	Introduction to Chemical Dependency Studies	3
HUSEV 21	Introduction to Physiological and Psychological Effects of Drug Abuse.....	3
HUSEV 22	Introduction to the Development and Progression of Addictive Patterns of Behavior.....	3
HUSEV 23	Legal and Ethical Aspects of Human Services.....	3
HUSEV 24	Introduction to Case Management.....	3
HUSEV 25	Basic Chemical Dependency Counseling.....	3
HUSEV 28	Skills and Techniques of Group Counseling.....	3
HUSEV 40	Family and Addiction	3
HUSEV 41	Co-Occurring Disorders.....	3
HUSEV 44R	Chemical Dependency Counseling Seminar and Internship...	7

*HUSEV 44R must be taken for two semesters. (3.5 units per semester) to complete the 7 unit requirement.

TOTAL UNITS REQUIRED FOR DEGREE MAJOR**37**

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Students earning an AA/AS degree must complete a minimum of 21 units of General Graduation Education requirements and the health requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information

CHEMICAL DEPENDENCY COUNSELOR

CERTIFICATE OF ACHIEVEMENT

The Chemical Dependency Counseling Certificate develops and strengthens specific skills and abilities needed to provide comprehensive chemical dependency treatment. Course work addresses a wide-range of issues and ethics in chemical dependency treatment, including the twelve counselor core functions: screening, intake, assessment, client orientation, treatment planning, counseling, case management, crisis intervention, client education, referral, report and record keeping, and consultation with other professionals. The Chemical Dependency Counseling program exceeds the minimum standards for entry into certification for the Basic Certified Addictions Treatment Counselor (CATC), and CATC 1 certification process, established by the federal Substance Abuse and Mental Health Services Administration, and certification agencies in the State of California and includes a 260 supervised practicum. Certificate completers will qualify to apply for certification through state-approved certification boards. Completion of the Certificate will assist students in obtaining entry-level employment toward CATC Basic and CATC 1 certification, and increase promotional opportunities for employees of chemical dependency treatment programs.

Students who complete this program should be able to:

1. Summarize the process of certification required for entry level employment as Addiction Treatment Counselors, and the career ladder opportunities open to them with further education.
2. Acquire sufficient hours of experience in the twelve core counseling functions as required by California certification agencies in the context of a field work placement.
3. Demonstrate communication skills (verbal, non-verbal, and written) to ensure that they can work effectively with clients and other professionals in diverse communities.
4. Illustrate respect and inclusivity with people from diverse backgrounds and communities, including, but not limited to, cultural elements, gender, race and ethnicity, sexual orientation/identification, religion, ability/disability, and socio-economic.
5. Explain and demonstrate ethical behavior in a variety of challenging and diverse environments and situations.
6. Demonstrate skills and abilities and appropriately apply knowledge to chemical dependency counseling settings and situations.

REQUIRED COURSES

	UNITS
HUSEV 11	Working with Diverse Communities..... 3
HUSEV 20	Introduction to Chemical Dependency Studies 3
HUSEV 21	Introduction to Physiological and Psychological Effects of Drug Abuse..... 3
HUSEV 22	Introduction to the Development and Progression of Addictive Patterns of Behavior..... 3
HUSEV 23	Legal and Ethical Aspects of Human Services..... 3
HUSEV 24	Introduction to Case Management..... 3
HUSEV 25	Basic Chemical Dependency Counseling..... 3
HUSEV 28	Skills and Techniques of Group Counseling..... 3
HUSEV 44R	Chemical Dependency Counseling Seminar and Internship... 7

*HUSEV 44R must be taken for two semesters. (3.5 units per semester) to complete the 7 unit requirement.

Complete one course from the following:

HUSEV 10	Introduction to Human Services..... 3
HUSEV 40	Family and Addiction 3
HUSEV 41	Co-Occurring Disorders..... 3

PSYC C1000	Introduction to Psychology..... 3
SOCIL 1	Introduction to Sociology..... 3

TOTAL UNITS REQUIRED FOR CERTIFICATE 34

COURSES

HUSEV-10 3 UNITS

Introduction to Human Services

**TRANSFERABLE TO CSU
54 LECTURE HOURS**

The course presents an introduction, overview and historical perspective on social work and human services. Special attention is given to current service delivery systems, their policies and procedures, and the tasks of culturally responsive social workers and human service workers within those settings. The course provides an opportunity to strengthen skills to work with all people and explore human service topics such as poverty, mental and physical health, disabilities, life stages, unequal access to resources and education, and substance abuse. (L)

HUSEV-11 3 UNITS

Working with Diverse Communities

**TRANSFERABLE TO CSU
C-ID: ADS 195X
54 LECTURE HOURS**

This course will examine the unique needs, issues, and concerns within diverse communities in respect to the impact of substance use disorders, intervention needs, and responses to treatment. An overview of historical, cultural, social, health and environmental factors impacting diverse communities will be discussed, as well as the role of ethnic and cultural practices. Particular attention will be given to population characteristics such as ethnicity/race, gender, age, economic, sexual orientation, and disability status. Ethnic and cultural differences will be emphasized to provide students with the skills needed to communicate effectively with diverse populations to create equitable, healthier and safer counseling environments (L) Grades are P/NP Option.

HUSEV-20 3 UNITS

Introduction to Chemical Dependency Studies

**TRANSFERABLE TO CSU
C-ID: ADS 110X
54 LECTURE HOURS**

This course provides an historical and sociological perspective on the use, abuse, and social control of drugs associated with substance use disorder. Included are overviews of the biopsychosocial nature of addiction; the impact of addiction on children, families and society; contemporary treatment and prevention approaches; and the addiction counseling profession. (L) Grades are P/NP Option.

HUSEV-21 3 UNITS

Introduction to Physiological and Psychological Effects of Drug Abuse

**TRANSFERABLE TO CSU
C-ID: ADS 140X
54 LECTURE HOURS**

This course provides an overview of the neurochemical, physical, and mental effects of commonly used addictive substances. Emphasis is placed on the pharmacology of addictive substances, the medical consequences of use, and therapeutic approaches for managing withdrawal, overdose, and substance use disorder. (L) Grades are P/NP Option.

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HUSEV-22**3 UNITS****Introduction to the Development and Progression of Addictive Patterns of Behavior****TRANSFERABLE TO CSU****C-ID: ADS 150X****54 LECTURE HOURS**

This course provides a comprehensive overview of theories and strategies for the prevention of substance use disorders. Primary, secondary, and tertiary evidence-based prevention models will be introduced and assessed. Prevention programs and activities appropriate for the community, school, parents and family, and work-sites will be covered. Strategies such as education, public policies, media/information dissemination, ethnic, cultural, and gender-specific approaches, environmental risk reduction, and alternatives will be presented and assessed for their application to different target populations. Introduction to the causes and development of addiction and co-dependency. Exploration of the process of denial, use of defense mechanisms, and the influences of the family. The sociological aspects of the addictive process will be explored and discussed. (L) Grades are P/NP Option.

HUSEV-23**3 UNITS****Legal and Ethical Aspects of Human Services****TRANSFERABLE TO CSU****C-ID: ADS 160X****54 LECTURE HOURS**

This course explores the legal and ethical responsibilities in the human services and chemical dependency field. Emphasis is placed on professional responsibility and patient rights as well as issues of the work place and professional growth. Students will explore frameworks for addressing legal and ethical issues arising from engagement, assessment, and treatment of individuals, families, groups, and at-risk populations. Develops understanding of laws, code of ethics, and client rights. Examines the relationship between personal values and professional behavior. (L) Grades are P/NP Option.

HUSEV-24**3 UNITS****Introduction to Case Management****TRANSFERABLE TO CSU****C-ID: ADS 170X****54 LECTURE HOURS**

This course provides an introduction and practical aspects of case management to implement in the human services field and substance-related disorder treatment. Topics covered include case management skills, collaboration, intake, orientation, screening and assessment, record documentation, ethics, clients' rights, confidentiality, interventions, crisis counseling techniques and theories, treatment and recovery planning, aftercare, and consultation and referrals. (L) Grades are P/NP Option.

HUSEV-25**3 UNITS****Basic Chemical Dependency Counseling****TRANSFERABLE TO CSU****C-ID: ADS 120X****54 LECTURE HOURS**

Counseling is a relationship in which the counselor helps the client mobilizes resources to resolve problems and/or to modify attitudes and values. This is an introduction to the basic skills and techniques used in treating chemical dependency. i.e., psycho-dynamic, behavioral, cognitive-behavioral, multi-modal, client-centered, couples and family counseling. This course describes characteristics of an effective counselor, explores several theoretical models of counseling, and assists the individual to develop skills in active listening, building trust, reflecting feelings and content, and using motivational interviewing techniques. Case histories and specific theories will be analyzed. (L) Grades are P/NP Option.

HUSEV-28**3 UNITS****Skills and Techniques of Group Counseling****TRANSFERABLE TO CSU****C-ID: ADS 130X****54 LECTURE HOURS**

This course provides an introduction to group dynamics and group leadership skills within the context of human services and addiction treatment work settings including theoretical foundation, stages and processes; roles, responsibilities and ethics; strategies and techniques for facilitating group process. The focus is on group development, interpersonal and intrapersonal processes, and group facilitation skills. Topics included are communication skills in a group setting, theories of group counseling, best practices, guidelines and diversity issues. (L) Grading is P/NP Option.

HUSEV-40**3 UNITS****Family and Addiction****TRANSFERABLE TO CSU****C-ID: ADS 180X****54 LECTURE HOURS**

This course provides an overview of the family systems approach to addiction counseling including analysis and examination of the relationship patterns that develop in families including multicultural families. The student will develop treatment strategies for assisting families and significant others during the stages of active addiction, addiction treatment, long-term recovery and relapse prevention using family-involved approaches. This would include the following: drug adolescent drug issues, co-dependency, enabling, adult children of alcoholics (ACA) with an interdisciplinary perspective. (L) Grades are P/NP Option.

Advisory: HUSEV-20; HUSEV-21; HUSEV-23**HUSEV-41****3 UNITS****Co-Occurring Disorders****TRANSFERABLE TO CSU****C-ID: ADS 190X****54 LECTURE HOURS**

This course reviews the major concepts, definitions, and features of co-occurring mental health disorders associated with addiction. Emphasis is placed on identifying the most current, evidence-based practices for treating co-occurring disorders and applying screening, assessment, referral, and treatment protocols for persons with co-occurring disorders who enter substance use treatment facilities. Students demonstrate the skills necessary to apply for California state certification as an alcohol and drug counselor as they relate to treating co-occurring disorders and familiarity with the terminology, diagnoses, and treatment conditions of the mental health field. (L) Grades are P/NP Option.

Prerequisite(s): HUSEV-20**HUSEV-44R****3.5 UNITS****Chemical Dependency Counseling Seminar and Internship****TRANSFERABLE TO CSU****24 LECTURE HOURS****128 LAB HOURS**

REPEATABLE ONE TIME ONLY (Note: This course is required to be completed two times to total 7 units for the degree and certificate in Chemical Dependency Counselor.)

This course is designed to provide students with an opportunity to practice, develop, and strengthen skills that will facilitate gaining employment in the chemical dependency and human services fields. Students must complete this course two times for credit in order to satisfy industry requirements for 255 hours of supervised

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field experience in a community organization, agency, or institution. Students will apply and integrate the values, knowledge, and skills learned in seminar through direct, hands-on experience in chemical dependency counseling. Special attention is given to individual, group, and family counseling. Grades are P/NP Option.

Prerequisite(s): HUSEV-20; HUSEV-23; HUSEV-24; HUSEV-25; HUSEV-28

Humanities

Humanities is the study of making connections, a quest to understand "life in all of its manifestations." Art, sculpture, architecture, myth, religion, music, philosophy, and literature all provide a mirror to reflect the characteristics of a culture, its values, themes, and visions. Each is part of the web of life, giving insight into the totality.

Humanities seeks to explore the vital creativity and instinct of artists who brought about new insights in emerging cultures, the creative geniuses that helped to forge innovative ideas and modes of understanding, the creation and focus of religions that tapped the depths of the human spirit, philosophies and modes of thinking that shaped the consciousness of humankind, and the architecture that brought new ideas to form.

COURSES

HUMAN-5 3 UNITS Art Appreciation

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This course provides a general introduction to visual art through selected examination of art from diverse cultures of the world from prehistoric period to the present. It includes an examination of the elements of art, historical context and terminology, visual elements, design principles and visual art media. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in ART-5.

HUMAN-10 3 UNITS Introduction To Western Humanities

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Learning the habit of making connections through integration of the arts, architecture, music, literature, philosophy, religion and history from pre-history to the Medieval Age. (L) Grades are P/NP Option.

HUMAN-11 3 UNITS Art, Literature and Music in Humanities

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Art, literature, and music in the humanities, from the Middle Ages through the twentieth century. (L)

HUMAN-20 3 UNITS

Introduction To World Myth

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This class explores the global expression of myth and compares and contrasts ethnic and universal messages of myth. World Myth studies life's great themes across many cultures and includes traditional expressions of myth in art and music. This class will cover myths from around the world, including at least six of the following cultures each semester: India, Mesopotamia, Greek, Roman, Arthurian, Africa, North and South America, Celtic, Nordic, Egyptian, South Seas Islands, South East Asia, China, Japan, Aztec, Incan, and Native American. Grades are P/NP Option.

HUMAN-31 3 UNITS

Asian-American Humanities and Cultures

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Course covers Asian American religion, art, music, literature, philosophy, culture and traditions and surveys Asian cultures from ancient times to the present. It also focuses on Asian American populations in the local area and challenges faced by immigrants. Course also looks at the contributions of Asian American groups and the ways these have impacted American culture.

Limitations on Enrollment: Course not open for credit to students with credit in ASIAN-31.

HUMAN-34 3 UNITS

Introduction To Film

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Study of film as art and its influence on society, including interpretation, criticism, and technical developments; students view and discuss full-length feature films. (L)

Limitations on Enrollment: Course not open for credit to students with credit in THART-34 or ENGL-34.

Kinesiology

KINESIOLOGY

ASSOCIATE IN ARTS FOR TRANSFER

The Associate in Arts in Kinesiology for Transfer degree is designed to prepare students with the opportunity to complete their freshman/sophomore level classes required for a Bachelor's degree in Kinesiology within the California State University System (CSU). Upon completion of the Associate in Arts in Kinesiology degree, students will be prepared for transfer to a CSU for studies in Physical Therapy, Kinesiology, Pre-Medicine, and Exercise Science programs.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units

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after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Demonstrate proficiency of skills needed in activities commonly included in human movement programs
2. Examine and evaluate physical activities and their relationship to wellness and fitness.
3. Analyze theoretical approaches and major concepts of health and nutrition.
4. Demonstrate knowledge and apply the fundamental rules and regulations of a variety of sports.

REQUIRED COURSES		UNITS
BIOL 4	Human Anatomy	4
BIOL 5	Human Physiology	4
KINES 20	Introduction to Kinesiology	3

Complete two courses from the following: (7-9 units)

CHEM 1A	General Chemistry OR	5
CHEM 2A	Introductory Chemistry I	5
HLTH 3	First Aid & CPR for Kinesiology Majors	3
PHYS 2A	General Physics I AND	3
PHYS 3A	General Physics Laboratory I	1
STAT C1000	Introduction to Statistics	4

Complete one course from three of the four movement-based areas: Team Sports; Individual Sports; Fitness; and Dance (4.5 units)

Team Sports

KINES 1.71	Basketball	1.5
KINES 1.75	Beginning Soccer	1.5
KINES 1.77	Beginning Volleyball	1.5
KINES 1.79	Intermediate Volleyball	1.5

Individual Sports

KINES 1.25	Badminton	1.5
KINES 1.31	Beginning Golf	1.5
KINES 1.33	Advanced Golf	1.5

Fitness

KINES 1.22	Step Aerobics	1.5
KINES 1.26	Body Toning	1.5
KINES 1.27	Fitness Walking/Jogging	1.5
KINES 1.34	Boot Camp Fitness	1.5
KINES 1.36	Yoga	1.5
KINES 1.37	Club Fitness	1.5
KINES 1.57	Beginning Weight Training	1.5
KINES 1.57B	Intermediate Weight Training	1.5
KINES 4	Low Impact Fitness	1.5

Dance

KINES 1.42	Beginning Dance Techniques	1.5
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TOTAL UNITS REQUIRED FOR DEGREE MAJOR 22.5-24.5

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

KINESIOLOGY

ASSOCIATE IN ARTS

The Kinesiology Associate in Arts degree provides an opportunity for students to explore the areas of health, fitness, and kinesiology. This degree is designed to provide an introductory foundation in these areas and to prepare students for life in the global community by developing a core of knowledge, skills and attitudes essential for personal and professional success. The health and nutrition courses emphasize practical and theoretical knowledge necessary for maintenance of physical and mental health. Students will develop and learn to promote an active and healthy life style. This Kinesiology AA does not guarantee transfer to a CSU or UC.

This degree in Kinesiology can lead to job opportunities in personal training, health education, coaching and employment at fitness clubs. Students transferring to a four year institution are advised to meet with a counselor for appropriate specific general education course requirements needed for the many careers associated with a Kinesiology degree before selecting courses.

Students who complete this program should be able to:

1. Examine and evaluate physical activities and their relationship to wellness and fitness.
2. Demonstrate proficiency of skills needed in activities commonly included in human movement programs.
3. Analyze theoretical approaches and major concepts of health and nutrition.
4. Demonstrate knowledge and apply the fundamental rules and regulations of a variety of sports.

REQUIRED COURSES		UNITS
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Complete four courses from the following:

HLTH 1	Health and Life Style Choices	3
HLTH 3	First Aid & CPR for Kinesiology Majors	3
HLTH 4	Psychosocial Health	3
HLTH 5	Sport Psychology	3
HLTH 6	Aging and Health	3
HLTH 10	Principles of Nutrition	3
HLTH 13	Nutrition and Life Fitness	3
KINES 20	Introduction to Kinesiology	3
KINES 26	Care and Prevention of Athletic Injuries	3

Complete a minimum of nine (9) units from:

KINES 1.22	Step Aerobics	1.5
KINES 1.25	Badminton	1.5
KINES 1.26	Body Toning	1.5
KINES 1.27	Fitness Walking/Jogging	1.5
KINES 1.31	Beginning Golf	1.5
KINES 1.33	Advanced Golf	1.5
KINES 1.34	Boot Camp Fitness	1.5
KINES 1.36	Yoga	1.5
KINES 1.36B	Intermediate Yoga	1.5
KINES 1.37	Club Fitness	1.5
KINES 1.42	Beginning Dance Techniques	1.5
KINES 1.57	Beginning Weight Training	1.5
KINES 1.57B	Intermediate Weight Training	1.5
KINES 1.58	Cross Fit/Weight Training for Women	1.5
KINES 1.71	Basketball	1.5
KINES 1.75	Beginning Soccer	1.5
KINES 1.76	Advanced Soccer	1.5
KINES 1.77	Beginning Volleyball	1.5
KINES 1.79	Intermediate Volleyball	1.5
KINES 4	Low Impact Fitness	1.5
KINES 6	Adapted Total Fitness	1.5
KINES 7	Adapted Weight Training and Fitness	1.5
KINES 9	Adapted Weight Training and Recreational Activities	1.5
KINES 21A	Analysis of Softball: Offense	2

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KINES 21B	Analysis of Softball: Defense	2
KINES 22	Analysis of Basketball.....	2
KINES 28	Analysis of Soccer.....	2
KINES 29A	Analysis of Baseball: Offense	2
KINES 29B	Analysis of Baseball: Defense.....	2

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 21

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COURSES

KINES-1.22 1.5 UNITS

Step Aerobics

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Step aerobic exercise designed to develop and/or maintain cardiovascular fitness and endurance, muscular strength and endurance, flexibility, and coordination. Includes fitness and general health analysis and safety procedures. Grades are P/NP Option.

KINES-1.25 1.5 UNITS

Badminton

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

An introduction to badminton basic skills and game play. Emphasis is placed on learning the ready position, grips, overhead and underhand clear, overhead drop, doubles forehand serve, and forehand and backhand drive. Basic rules and strategy for doubles game play will also be covered. Grades are P/NP Option.

KINES-1.26 1.5 UNITS

Body Toning

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

A full body conditioning and strengthening workout, improving functional strength, flexibility and coordination. Strategies for improving vital core strength. Includes physical fitness analysis, fitness and nutrition, and safety procedures. Grades are P/NP Option.

KINES-1.27 1.5 UNITS

Fitness Walking/Jogging

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Individualized walking/jogging program designed to improve cardiovascular endurance and muscular strength. Emphasis is on lifetime fitness including principles of nutrition, fitness and safety. Grades are P/NP Option.

KINES-1.31 1.5 UNITS

Beginning Golf

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Introduction to the basic knowledge and skills of golf, including rules, history, etiquette and the fundamental mechanics involved in the use of irons and woods. Grades are P/NP Option.

KINES-1.33 1.5 UNITS

Advanced Golf

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Advanced golf techniques will be covered in this course., including proper club selection, chipping, driving and putting. Students learn good course management while developing their short and long game. Grades are P/NP Option.

KINES-1.34 1.5 UNITS

Boot Camp Fitness

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Designed to provide the student with a physically intense and challenging fitness class. Training exercise used will include jogging, interval training, obstacle course and a variety of calisthenics designed to enhance muscular strength and endurance. In addition, students will be challenged to understand and apply fitness training principles. The students will train individually, with a partner, and/or in a team setting. Grades are P/NP Option.

KINES-1.36 1.5 UNITS

Yoga

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

The history of yoga and development of basic Yoga postures, breathing practices, stretching, and relaxation techniques as a method to improve flexibility, decrease stress and improve physical and mental well-being. Grades are P/NP Option.

KINES-1.36B 1.5 UNITS

Intermediate Yoga

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Development of intermediate Yoga postures, breathing practices, stretching, and relaxation techniques as a method to improve flexibility, decrease stress and improve physical and mental well-being. Students will experience different styles of Yoga techniques. The history and philosophies of these styles will be covered. Grades are P/NP Option.

KINES-1.37 1.5 UNITS

Club Fitness

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Individualized introductory exercises using treadmills, stationary bikes, rowing machines, and step machines for developing fitness levels. Physical fitness assessment and analysis is performed. Development of individualized fitness and wellness programs. Grades are P/NP Option.

KINES-1.42 1.5 UNITS

Beginning Dance Techniques

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Dance will help in improving balance, agility, coordination, flexibility and spatial awareness. It will also improve physical confidence and mental function. This course exposes students to a broad spectrum of practical fitness information and knowledge. A variety of dance categories will be introduced, including Latin, swing, line, and ballroom, among others. Grades are P/NP Option.

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KINES-1.57**1.5 UNITS****Beginning Weight Training**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

This course exposes students to a broad spectrum of practical fitness information and knowledge. Both free weights and machine equipment will be introduced. The course focuses on the benefits of regular exercise and healthy lifestyle choices. Grades are P/NP Option.

KINES-1.57B**1.5 UNITS****Intermediate Weight Training**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Individual weight conditioning for intermediate level students. Emphasis will be on learning proper use of machines, free weights, cables and stretching routines. Instruction on form, technique, safety, and muscle development. Participation will increase muscle size, strength, and endurance. Grades are P/NP Option.

KINES-1.58**1.5 UNITS****Cross Fit/Weight Training for Women**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Emphasizes the design and implementation of individualized weight training programs to meet the specific muscular fitness needs and interests of women. Students will experience and evaluate the potential benefit of cross fit and weight training exercises to increase lean body tissue, reduce body fat, improve bone density, and develop firmer, more efficient muscles for enhanced appearance and performance. Conditioning techniques will focus on the utilization of weight resistance machines and free weights. Grades are P/NP Option.

KINES-1.71**1.5 UNITS****Basketball**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

This is an introductory course to the game of basketball. This course is designed to introduce basic basketball skills, techniques and rules. Emphasis will be placed on fundamentals, etiquette and strategies, as well as an appreciation for a lifetime activity. Grades are P/NP Option.

KINES-1.75**1.5 UNITS****Beginning Soccer**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Fundamental skills of beginning soccer, including history, rules of play, positions, basic skills of dribbling, passing, trapping, shooting. It will introduce beginning levels of offensive and defensive strategies. This course offers a breakdown in small drills that simulate the dynamics of game play. Lecture will include the benefits of overall health and fitness benefits along with nutrition necessary for optimum wellness. Grades are P/NP Option.

KINES-1.76**1.5 UNITS****Advanced Soccer**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

The purpose of this course is to provide advanced instruction in the

techniques, tactics and strategies associated with competitive soccer. Special emphasis placed on drills and competitive play situation. Grades are P/NP Option.

KINES-1.77**1.5 UNITS****Beginning Volleyball**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Fundamental skills and techniques for beginning volleyball play including: history, rules of play, officiating, and beginning level offensive and defensive strategies. Grades are P/NP Option.

KINES-1.79**1.5 UNITS****Intermediate Volleyball**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Fundamental skills and techniques for intermediate volleyball, including history, the rules of play, officiating, and offensive and defensive strategies. Grades are P/NP Option.

KINES-3**1.5 UNITS****Adapted Physical Education
General Conditioning**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Introduction to adapted physical education for students with disabilities. Provides students with the opportunities to obtain the benefits of improved physical fitness through an individualized program of exercise. Principles of fitness and nutrition. Grades are P/NP Option.

KINES-4**1.5 UNITS****Low Impact Fitness**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Individualized exercise prescription for persons with disabilities in various stages of wellness who are seeking opportunities to improve their fitness levels. Program includes exercises to improve posture, aerobics, flexibility, strength, and balance. Grades are P/NP Option.

KINES-6**1.5 UNITS****Adapted Total Fitness**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

This is a general physical fitness course specifically intended for students with disabilities. Students will be given an opportunity to engage in a personalized program of exercise that promotes and develops overall physical fitness. Principles of fitness and nutrition. Grades are P/NP Option.

KINES-7**1.5 UNITS****Adapted Weight Training and Fitness**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

This course is designed as an introduction to progressive resistance weight training for students with disabilities. Students will engage in an individualized program of exercise that promotes knowledge of fitness principles and basic anatomy, the development of cardiovascular respiratory and muscle endurance, muscle strength and flexibility,

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and a healthy body composition. Emphasis will be placed on training fundamentals, technique, conditioning, and safety. Grades are P/NP Option.

KINES-9 1.5 UNITS

Adapted Weight Training and Recreational Activities

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Adapted strength training techniques and methods to improve overall muscular endurance and fitness. Additionally specific modified activities, games and sports will be experienced by the student to enhance their participation in life-long activities designed to improve self-esteem, social interaction and fitness. Activities include but are not limited to bocci ball, volleyball, frisbee games, pickle ball, horseshoes and basketball. Principles of fitness and nutrition. Grades are P/NP Option.

KINES-20 3 UNITS

Introduction to Kinesiology

TRANSFERABLE TO CSU AND UC
C-ID: KIN 100
54 LECTURE HOURS

This course provides an introduction to the interdisciplinary approach to the study of human movement. It provides an orientation to various educational pathways, requirements, and career opportunities in kinesiology in the areas of teaching, coaching, allied health, and fitness professions. Basic concepts of the kinesiology discipline and the importance of the sub-disciplines are discussed.

KINES-21A 2 UNITS

Analysis of Softball: Offense

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
36 LECTURE HOURS

Study and analysis of the various phases of softball offense, including philosophy, mental approach, hitting, and base running.

KINES-21B 2 UNITS

Analysis of Softball: Defense

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
36 LECTURE HOURS

Analysis and study of the various phases of softball defense, including philosophy, fielding, pitching, mental approach, catching, and positions.

KINES-22 2 UNITS

Analysis of Basketball

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
36 LECTURE HOURS

Study and analysis of offensive and defensive basketball, including strategies and theory. Current techniques of shooting, passing, dribbling, footwork along with the application of scouting to competitive play.

KINES-26 3 UNITS

Care and Prevention of Athletic Injuries

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
45 LECTURE HOURS
27 LAB HOURS

An introduction to the treatment and prevention of specific athletic injuries. This course will cover the identification of injuries, proper treatment after they occur, and preventative measures. Establishing effective health care systems.

KINES-28 2 UNITS

Analysis of Soccer

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
36 LECTURE HOURS

Study and analysis of various phases of soccer, including laws, fundamentals, offensive and defensive strategy, and different soccer styles.

KINES-29A 2 UNITS

Analysis of Baseball: Offense

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
36 LECTURE HOURS

Study and analysis of various phases of baseball offense, including fundamental skills of hitting and base running, and analysis of offensive statistics.

KINES-29B 2 UNITS

Analysis of Baseball: Defense

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
36 LECTURE HOURS

Study and analysis of various phases of baseball defense, including fundamental skills of fielding, pitching and positioning, and analysis of defensive statistics.

KINES 30A 2 UNITS

Analysis of Football: Offense

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
36 LECTURE HOURS

Study and analysis of the various phases of Football Offense including philosophy, mental approach, blocking techniques and strategies, run game schemes and fundamentals, pass game scheme and fundamentals, correct analysis giving different game scenarios, as well as blitz pick up.

KINES 30B 2 UNITS

Analysis of Football: Defense

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
36 LECTURE HOURS

Analysis and study of the various phases of football defense, including philosophy, scheme, terminology, mental approach, in relation to both coverage and run support.

Kinesiology Family of Classes

AEROBICS:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 127 for details.)

KINES 1.22 – Step Aerobics

KINES 1.27 – Fitness Walking/Jogging

BASKETBALL:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 128 for details.)

KINES 1.71 – Basketball

BODY TONING:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 127 and 128 for details.)

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- KINES 1.26 – Body Toning
- KINES 1.37 – Club Fitness

CONDITIONING:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 127 and 128 for details.)

- KINES 3 – Adapted Physical Education General Conditioning
- KINES 1.34 – Boot Camp Fitness

DANCE:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 128 for details.)

- KINES 1.42 – Beginning Dance Techniques

GOLF:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 127 for details.)

- KINES 1.31 – Beginning Golf
- KINES 1.33 – Advanced Golf

RAQUET SPORT:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 127 for details.)

- KINES 1.25 – Badminton

SOCCER:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 128 for details.)

- KINES 1.75 – Beginning Soccer
- KINES 1.76 – Advanced Soccer

SPORTS ANALYSIS:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 129 and 130 for details.)

- KINES 21A – Analysis of Softball: Offense
- KINES 21B – Analysis of Softball: Defense
- KINES 22 – Analysis of Basketball
- KINES 28 – Analysis of Soccer
- KINES 29A – Analysis of Baseball: Offense
- KINES 29B – Analysis of Baseball: Defense
- KINES 30A – Analysis of Football: Offense
- KINES 30B – Analysis of Football: Defense

VOLLEYBALL:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 128 for details.)

- KINES 1.77 – Beginning Volleyball
- KINES 1.79 – Intermediate Volleyball

WEIGHT TRAINING:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 128 and 129 for details.)

- KINES 1.57 – Beginning Weight Training
- KINES 1.57B – Intermediate Weight Training
- KINES 1.58 – Cross Fit/Weight Training for Women
- KINES 7 – Adapted Weight Training and Fitness
- KINES 9 – Adapted Weight Training and Recreational Activities

YOGA:
Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 127 and 128 for details.)

- KINES 1.36 – Yoga
- KINES 1.36B – Intermediate Yoga

Learning and Development

COURSES

LEARN-590A**0 UNITS**

Supervised Tutoring for College Success Center

1-162 LAB HOUR(S)

Individualized and group assistance in specific courses. Grades are Satisfactory Progress (Noncredit).

LEARN-590B**0 UNITS**

Supervised Tutoring in Writing

1-162 LAB HOUR(S)

Individualized and small group assistance for reading and writing in courses across the curriculum. Grades are Satisfactory Progress (Noncredit).

Library Science

COURSES

LIBSC-1**1 UNIT**

Basic Research Skills

TRANSFERABLE TO CSU AND UC
18 LECTURE HOURS

This course will help students acquire beginning information literacy skills necessary to conduct academic or personal research. It provides a step-by-step guide to the research process that is applicable to term papers, course work, and life-long learning. It emphasizes developing effective search strategies, selecting information tools, locating and retrieving information sources, analyzing and critically evaluating information, and using information. (L) Grades are P/NP Option.

Manufacturing Technology

MANUFACTURING TECHNOLOGY/MACHINING

ASSOCIATE IN SCIENCE

The A.S. in Manufacturing Technology is a comprehensive program of instruction designed to develop knowledge of scientific principles, mathematical concepts, and technical skills. The program will provide students with laboratory experiences found in machining, welding, and related technologies. These experiences will enable the student to enter industry with problem-solving skills in design, production planning, materials handling, quality control, inspection, and programming with computer-aided controls. The student, upon the successful completion of the program, will have entry-level job skills.

Students who complete this program should be able to:

1. Demonstrate skill in the use of manual machine tools.
2. Demonstrate skilled use of Advanced Manufacturing tools.
3. Have knowledge of proper working habits and safety practices in an industrial environment.
4. Demonstrate knowledge of interpreting shop drawings and prints.

REQUIRED COURSES	UNITS
DRAFT 20 Blueprint and Specifications Reading	3
DRAFT 30 Technical Drawing with CAD	3
MFGT 20 Principles of Machine Shop	3
MFGT 21 Intermediate Machine Shop	4
MFGT 34 Computer Numerical Control	4
MFGT 35 Computer Aided Manufacturing	3
MFGT 60 Problems in Manufacturing Technology	3
MFGT 62 Advanced Machine Shop	3

Complete a minimum of 7 additional units from the following:

AUTO 53.22 Hydraulics (Fluid Power)	3
WELD 10 Introduction To Shielded Metal Arc Welding (SMAW)	4
WELD 20 Introduction To Gas Metal Arc Welding (GMAW)	4
WELD 83 GMAW/GTAW Production Welding	4
WELD 85 Structural Design and Fabrication	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 33-34

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

MANUFACTURING TECHNOLOGY/MACHINING

CERTIFICATE OF ACHIEVEMENT

Manufacturing Technology is a comprehensive program of instruction designed to develop knowledge of scientific principles, mathematical concepts, and technical skills. It includes laboratory experiences found in machining, welding, and related technologies. These experiences will enable the student to enter industry with problem-solving skills in design, production planning, materials handling, quality control, inspection, and programming with computer numerical controls. The

student, upon the successful completion of the program, will have a job-entry skill.

Students who complete this program should be able to:

1. Demonstrate knowledge of proper working habits and safety practices in an industrial environment
2. Demonstrate skill in the use of manual machine tools including: lathes, mills, drilling machines, grinding machines, and inspection tools
3. Demonstrate skilled use of Advanced Manufacturing tools such as: Computer aided Design, Computer aided Manufacturing, CNC Milling Centers, CNC Turning Centers, inspection and measurement tools.
4. Demonstrate knowledge of interpreting shop drawings and prints.

REQUIRED COURSES	UNITS
AUTO 53.22 Hydraulics (Fluid Power)	3
DRAFT 30 Technical Drawing with CAD	3
MFGT 20 Principles of Machine Shop	3
MFGT 21 Intermediate Machine Shop	4
MFGT 34 Computer Numerical Control	4
MFGT 35 Computer Aided Manufacturing	3
MFGT 60 Problems in Manufacturing Technology	3

Complete one course from the following:

WELD 10 Introduction to Shielded Metal Arc Welding (SMAW)	4
WELD 20 Introduction to Gas Metal Arc Welding (GMAW)	4

TOTAL UNITS REQUIRED FOR CERTIFICATE 27

COURSES

MFGT-20 3 UNITS

Principles of Machine Shop

TRANSFERABLE TO CSU

36 LECTURE HOURS

54 LAB HOURS

Basic set-up and operation of the Engine Lathe, Vertical Milling Machine, Drilling machines, Bandsaws, and grinding machines. Emphasis will also focus on precision measurement. The course includes tooling selection for the above machines. Introduction to computer numerical control is included. Safety in all aspects of machining.

MFGT-21 4 UNITS

Intermediate Machine Shop

TRANSFERABLE TO CSU

54 LECTURE HOURS

54 LAB HOURS

Intermediate level machine shop, with focus on precision layout and safety practices, the set-up and operation of the vertical milling machine, the horizontal milling machine, and the engine lathe. Special emphasis on the concept of fits and development of skills acquired in MFGT-20 or equivalent. Students will produce a machined mechanical object using the machine shop.

Prerequisite(s): MFGT-20

MFGT-34 4 UNITS

Computer Numerical Control

TRANSFERABLE TO CSU

54 LECTURE HOURS

54 LAB HOURS

Programming of computer numerically controlled machine tools and processes, using the standard g-code format. Programs will include linear interpolation, circular interpolation, and helical interpolation. Canned cycles and macros are also used.

MFGT-35 **3 UNITS**

Computer Aided Manufacturing

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

The use of the Computer Aided Manufacturing (CAM) software system to learn about CNC machining, set-up, operation, and tooling in the production of parts through the use of the CNC milling machine.

Prerequisite(s): MFGT-34

MFGT-60 **3 UNITS**

Problems in Manufacturing Technology

36 LECTURE HOURS
54 LAB HOURS

Analysis of special problems in manufacturing. Study in specialized areas of manufacturing technology with project goals and production paths determined in a team setting. Topics may include: CNC Turning, CNC Milling, 3D printing, and Fundamentals of Robotic Arms. Learning will be applied to problem solving and to product creation.

MFGT-62 **3 UNITS**

Advanced Machine Shop

36 LECTURE HOURS
54 LAB HOURS

This is an advanced course in machining, which encompasses tool and cutter grinding, part design using a turret lathe, and a tracing lathe. Concepts that will also be covered are aspects of surface grinding and EDM machining.

Prerequisite(s): MFGT-21

Mass Communications

(See FILM, TELEVISION, AND ELECTRONIC MEDIA)

Mathematics

MATHEMATICS

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Mathematics for Transfer is designed for students for transfer into the CSU system to complete a bachelor's degree in Mathematics or similar major.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a

major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Graph equations, functions, inequalities.
2. Perform operations on mathematical objects (e.g. numbers, expressions, functions, matrices).
3. Solve equations and inequalities.
4. Apply definitions, notation and properties of mathematical concepts.
5. Solve applied problems using mathematical or statistical methods.
6. Prove identities and theorems.

REQUIRED COURSES		UNITS
MATH 1A	Single Variable Calculus I - Early Transcendentals	4
MATH 1B	Single Variable Calculus II - Early Transcendentals	4
MATH 1C	Multivariable Calculus.....	4

List A: Complete one course from the following:

MATH 2	Ordinary Differential Equations	3
MATH 3	Linear Algebra.....	3

List B: Complete one additional course from the following:

MATH 2	Ordinary Differential Equations (if not already used).....	3
MATH 3	Linear Algebra (if not already used)	3
PHYS 4A	Mechanics	4
COMSC 6	Basic Language Programming	3
COMSC 7	Introduction to Visual Basic Programming	3
COMSC 9A	C++ Programming.....	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18-19

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

MATHEMATICS

ASSOCIATE IN SCIENCE

The Associate in Science in Mathematics degree is designed for students who are interested in transferring to a college or university to major in mathematics, engineering, the physical or life sciences, business, liberal studies, and a host of other majors. The AS in Mathematics requires the core freshman and sophomore mathematics courses for a baccalaureate degree in mathematics plus an additional mathematics or statistics course for breadth. Students who intend to transfer to a CSU and major in Math are encouraged to pursue the AS-T.

Students who complete this program should be able to:

1. Solve equations and inequalities.
2. Perform operations on mathematical objects (e.g. numbers, expressions, functions, matrices).

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3. Graph equations, functions, inequalities.
4. Solve applied problems using mathematical or statistical methods.
5. Prove identities and theorems.
6. Apply definitions, notation and properties of mathematical concepts.

REQUIRED COURSES	UNITS
MATH 1A Single Variable Calculus I - Early Transcendentals	4
MATH 1B Single Variable Calculus II - Early Transcendentals	4
MATH 1C Multivariable Calculus	4
MATH 3 Linear Algebra	3

Complete one course from the following:

MATH 25 Finite Mathematics OR	3
STAT 1 Introduction to Statistical Methods OR	4
MATH 10 Liberal Arts Mathematics OR	3
MATH 51 Plane Geometry OR	3
MATH 55 History of Algebra	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18-19

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COURSES

MATH-1A 4 UNITS

Single Variable Calculus I - Early Transcendentals

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: MATH 210
72 LECTURE HOURS

A first course in differential and integral calculus of a single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. Primarily for Science, Technology, Engineering and Math Majors. Grades are P/NP Option.

Prerequisite(s): MATH-20; MATH-21; or satisfactory score on the mathematics placement test.

MATH-1B 4 UNITS

Single Variable Calculus II - Early Transcendentals

TRANSFERABLE TO CSU AND UC
C-ID: MATH 220
72 LECTURE HOURS

A second course in differential and integral calculus of a single variable: integration; techniques of integration; infinite sequences and series; polar and parametric equations; applications of integration. Primarily for science, technology, engineering and mathematics majors. (L) Grades are P/NP Option.

Prerequisite(s): MATH-1A

MATH-1C 4 UNITS

Multivariable Calculus

TRANSFERABLE TO CSU AND UC
C-ID: MATH 230
72 LECTURE HOURS

This course covers vector valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green's theorem, Stokes' theorem, and the divergence theorem. (L) Grades are P/NP Option.

Prerequisite(s): MATH-1B

MATH-2 3 UNITS

Ordinary Differential Equations

TRANSFERABLE TO CSU AND UC
C-ID: MATH 240
54 LECTURE HOURS

The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. Introduces the theoretical aspects of differential equations, including establishing when solutions(s) exist, and techniques for obtaining solutions, including, series solutions, and singular points, Laplace transforms and linear systems. (L,C) Grades are P/NP Option.

Prerequisite(s): MATH-1B

MATH-3 3 UNITS

Linear Algebra

TRANSFERABLE TO CSU AND UC
C-ID: MATH 250
54 LECTURE HOURS

The course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included. (L) Grades are P/NP Option.

Prerequisite(s): MATH-1B

MATH-7 4 UNITS

Precalculus

TRANSFERABLE TO CSU AND UC
72 LECTURE HOURS

Preparation for calculus: polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates. Grades are P/NP Option.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

Limitations on Enrollment: Course not open for credit to students with credit in the combination of MATH-20 and MATH-21. Course not open for credit to students with credit in MATH-7S.

MATH-7S 6 UNITS

Precalculus with Support

TRANSFERABLE TO CSU AND UC
108 LECTURE HOURS

Preparation for calculus with additional support: polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates. Support includes a review of prerequisite skills, competencies, and concepts needed for success in Precalculus. Grades are P/NP Option.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

Limitations on Enrollment: Course not open for credit to students with credit in the combination of MATH-20 and MATH-21. Course not open for credit to students with credit in MATH-7.

MATH-9**4 UNITS****Calculus for Business, Social and Life Sciences****TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT****C-ID: MATH 140****72 LECTURE HOURS**

Topics of calculus including differentiation, integration, graphs, limits, and rates. Applications from economics, business, life science, and behavioral science.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the intermediate algebra level.

MATH-10**3 UNITS****Liberal Arts Mathematics****TRANSFERABLE TO CSU AND UC****54 LECTURE HOURS**

Designed for students majoring in areas other than science, mathematics, or business to give appreciation and insight into structure and applications of mathematics. Some typical topics, to be chosen by the instructor may include probability and statistics, sequences and series, population growth, graph theory, geometry and topology, number theory, history of mathematics, finance mathematics, voting methods and apportionment. Grades are P/NP Option.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the intermediate algebra level.

MATH-15**3 UNITS****Concepts and Structures of Mathematics****TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT****C-ID: MATH 120****54 LECTURE HOURS**

This course focuses on the development of quantitative reasoning skills through in-depth, integrated explorations of topics in mathematics, including real number systems and subsystems. Emphasis is on comprehension and analysis of mathematical concepts and applications of logical reasoning. Grades are P/NP Option.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the intermediate algebra level.

MATH-16**3 UNITS****Concepts and Structures of Mathematics****TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT****54 LECTURE HOURS**

Designed for students who plan to become elementary school teachers. Problem-solving, probability and statistics, measurement and the metric system, and geometry. Essays on topics of current interest to the teaching profession, class presentations, and a study of techniques and materials used in today's elementary school classroom may also be included. Grades are P/NP Option.

Prerequisite(s): MATH-15

MATH-20**4 UNITS****College Algebra****TRANSFERABLE TO CSU AND UC****C-ID: MATH 151****72 LECTURE HOURS**

College level course in algebra for majors in science, technology, engineering and mathematics. Topics include polynomial, rational, radical, exponential, absolute value and logarithmic functions, systems of equations, theory of polynomial equations and analytic geometry. (L,M)

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the intermediate algebra level.

MATH-21**4 UNITS****Plane Trigonometry****TRANSFERABLE TO CSU****C-ID: MATH 851****72 LECTURE HOURS**

The study of trigonometric functions, their inverses and their graphs, identities and proofs related to trigonometric expressions, trigonometric equations, solving right triangles, solving triangles using the Law of Cosines and the Law of Sines, polar coordinates, and introduction to vectors. (L,M)

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the intermediate algebra level.

MATH-570**0 UNITS****Support for College Algebra****36 LECTURE HOURS**

A review of prerequisite skills, competencies, and concepts needed for success in College Algebra. Intended for students who are concurrently enrolled in MATH 20 at Yuba College. Topics include concepts from elementary and intermediate algebra that are needed to understand the basics of College Algebra. Grades are P/NP Only.

Co-requisite: MATH-20

MATH-571**0 UNITS****Support for Plane Trigonometry****36 LECTURE HOURS**

A review of prerequisite skills, competencies, and concepts needed for success in Plane Trigonometry. Intended for students who are concurrently enrolled in MATH-21 at Yuba College. Topics include concepts from elementary and intermediate algebra that are needed to understand the basics of Plane Trigonometry. Grades are P/NP Only.

Co-requisite: MATH-21

MATH-579**0 UNITS****Support for Calculus for Business, Social and Life Sciences****36 LECTURE HOURS**

A review of prerequisite skills, competencies, and concepts needed for success in Calculus for Business, Social and Life Sciences. Intended for students who are concurrently enrolled in MATH 9. Topics include concepts from elementary and intermediate algebra that are needed to understand the basics of Calculus for Business, Social and Life Sciences. Grades are P/NP Only.

Co-requisite: MATH-9

Music

Classes with "R" can be taken a total of four times but are subject to Family of Classes restrictions on page 144.

MUSIC

ASSOCIATE IN ARTS FOR TRANSFER

The Associate in Arts in Music for Transfer degree prepares students in basic freshman and sophomore level music study to transfer to a 4-year University to seek a Bachelor of Arts in General Music degree. Students must audition with an instrument of choice or voice to be admitted into the program to take the applied skills course. Students whose applied music skills are at a pre-collegiate level may enroll in remedial course such as Elementary or Intermediate Voice, Piano or Guitar class. It should also be noted that the Associate in Arts in Music for Transfer does not guarantee admission to any specific campus of CSU or admittance to major in music after the transfer. Students will need to audition to be accepted as a music major at CSU or any other university. Students intending to transfer to seek a Bachelor of Music or Bachelor of Music Education degree will need additional courses, and should select AA in Music.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Analyze a short musical work by applying intermediate-level music theory, including analysis of melody, harmony, rhythm and meter, and form, demonstrating skills and knowledge acquired over 3 semesters of Music Theory study.
2. Aurally identify intervals, rhythms, voice-leading and harmonic progressions by taking dictation and writing appropriate musical notation, and sight read melodies of difficulty level covered in the third semester of Musicianship.
3. Publically perform on their major instrument or voice a solo repertoire appropriate for college sophomores with technical facility and artistry.
4. Play or sing in an ensemble with technical ease, blend, and expressive artistry, demonstrating culmination of four semesters of study in improved reading ability, listening skills, and performing skills.
5. Demonstrate piano keyboard skills acquired in three semesters of study, including sight reading, scales and arpeggios, and harmonic progressions in various keys and modes.

REQUIRED COURSES:

MUSIC 1A	Music Theory I	3
MUSIC 1B	Music Theory II	3
MUSIC 1C	Musicianship I	1
MUSIC 1D	Theory Musicianship II	1
MUSIC 2A	Music Theory III	3
MUSIC 2C	Musicianship III	1

Applied Skills Requirement. Complete one course four times from the following:

MUSIC 30AR	Applied Skills: Woodwinds OR	
MUSIC 30BR	Applied Skills: Brass OR	1
MUSIC 30DR	Applied Skills: Percussion OR	1
MUSIC 30ER	Applied Skills: Strings OR	1
MUSIC 30GR	Applied Skills: Classical Guitar OR	1
MUSIC 31R	Applied Skills: Piano OR	1
MUSIC 32R	Applied Skills: Voice	1

Ensemble Requirements: Complete one course four times from the following: Brass, Percussion and Woodwind majors shall select Symphonic Band or Community Jazz Ensemble. Voice majors shall select choral ensembles. Composition major shall select a combination of instrumental and choral ensembles.

MUSIC 28R	Community Jazz Ensemble OR	1
MUSIC 34R	Concert Choir OR	1
MUSIC 43R	Symphonic Band	1

List A: Complete three to four units from the following:

MUSIC 1E	Keyboard Harmony I	1
MUSIC 2E	Keyboard Harmony II	1
MUSIC 8A	Music History I	3
MUSIC 8B	Music History II	3
MUSIC 41A	Elementary Piano I	1

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 23-24

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

MUSIC

ASSOCIATE IN ARTS

The Associate in Arts in Music degree prepares students to build a solid foundation in music theory, musicianship, keyboard skills, and music history, as well as performance skills as a solo and ensemble musician. The degree requirements mostly align with the freshman and sophomore level music study for a Bachelor of Music or Bachelor of Music Education degree at local CSU campuses. As such, this is a high-unit degree and may take longer than 4 semesters to complete. However, students who complete this degree successfully will be better prepared to do well on theory, musicianship and keyboard skills placement exams at CSUs, UCs or private 4-year conservatories and universities, alleviating the need to take remedial courses at a higher tuition.

Students must audition with an instrument of choice or voice to be admitted into the program to take the applied skills course. Students whose applied music skills are at a pre-collegiate level may enroll in remedial course such as Elementary or Intermediate Voice, Piano or Guitar class. Students who have college-level performance and musicianship skills and are interested in pursuing a Bachelor of Arts in General Music can select the Associate in Arts in Music for Transfer, which can be completed in 4-semesters of full-time study.

Students who complete this program should be able to:

1. Analyze a short musical work by applying intermediate-level music theory, including analysis of melody, harmony, rhythm and meter, and form, demonstrating skills and knowledge acquired over 3 semesters of music theory study.

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2. Aurally identify intervals, rhythms, voice-leading and harmonic progressions by taking dictation and writing appropriate musical notation, and sight read melodies of difficulty level covered in the third semester of Musicianship.
3. Publicly perform on their major instrument or voice a solo repertoire appropriate for college sophomores with technical facility and artistry.
4. Play or sing in an ensemble with technical ease, blend, and expressive artistry, demonstrating culmination of four semesters of study in improved reading ability, listening skills, and performing skills.
5. Demonstrate piano keyboard skills acquired in three semesters of study, including sight reading, scales and arpeggios, and harmonic progressions in various keys and modes.
6. Identify various musical styles and genres of the Western art music as well as select styles and genres of non-Western music, and distinguish their cultural and historical context.

REQUIRED COURSES UNITS

MUSIC 1A	Music Theory I	3
MUSIC 1B	Music Theory II	3
MUSIC 1C	Musicianship I	1
MUSIC 1D	Theory Musicianship II	1
MUSIC 2A	Music Theory III	3
MUSIC 2B	Music Theory IV	3
MUSIC 2C	Musicianship III	1
MUSIC 2D	Musicianship IV	1
MUSIC 1E	Keyboard Harmony I	1
MUSIC 2E	Keyboard Harmony II	1
MUSIC 8A	Music History I	3
MUSIC 8B	Music History II	3
MUSIC 41A	Elementary Piano I	1
MUSIC 16	World Music	3

Complete 4 units of one ensemble or a combination of ensembles:

MUSIC 28R	Community Jazz Ensemble	1
MUSIC 34R	Concert Choir	1
MUSIC 43R	Symphonic Band	1

Complete four units (four semesters) of one of the following applied skills courses:

MUSIC30AR	Applied Skills: Woodwinds	1
MUSIC 30BR	Applied Skills: Brass	1
MUSIC 30DR	Applied Skills: Percussion	1
MUSIC 30ER	Applied Skills: Strings	1
MUSIC 30GR	Applied Skills: Classical Guitar	1
MUSIC 31R	Applied Skills-Piano	1
MUSIC 32R	Applied Skills: Voice	1

Composition majors only: Complete four units (four semesters) of the following:

MUSIC 30CR	Applied Skills: Composition	1
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TOTAL UNITS REQUIRED FOR DEGREE MAJOR 36-40

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COURSES**MUSIC-1 3 UNITS****Music Fundamentals****TRANSFERABLE TO CSU AND UC****C-ID: MUSIC 110****54 LECTURE HOURS**

An introduction to the notation and fundamental theoretical elements of Western music, demonstrated through a variety of styles, covering: pitch and rhythm concepts and structures, basic formal elements,

and fundamental musicianship. Development of skills in handwritten notation is expected. Interpreting music, written and aurally, with regard to its broad historical and cultural context will be covered. In addition, students will critique different musical genres and styles in order to make aesthetic judgments by applying criteria from the knowledge and principles of music theory learned in class. Suitable for both music majors and non-majors who have no previous experience in reading or playing music notation.

MUSIC-1A**3 UNITS****Music Theory I****TRANSFERABLE TO CSU AND UC****C-ID: MUS 120****54 LECTURE HOURS**

In this course, students will review the fundamentals of music, including notation, rhythm and meter, basic properties of sound, intervals, scales and chords, and incorporate and develop those concepts through guided composition and analysis. Complete cadential formulae, phrase structure analysis, chord function theory, and four-part voice-leading principles will be covered, using tonal music examples from history and global culture. History and social context of the above concepts will be discussed. Development of skills in handwritten notation is expected. Required of all music majors and minors. Course offered Fall semester only.

Co-requisite: MUSIC-1C**MUSIC-1B****3 UNITS****Music Theory II****TRANSFERABLE TO CSU AND UC****C-ID: MUS 130****54 LECTURE HOURS**

This course incorporates concepts from Music Theory I. Through guided composition and analysis, the course will include fundamental two voice contrapuntal principles and chromatic chord functions and voice-leading. Required of all music majors. Offered Spring semester only.

Prerequisite(s): MUSIC-1A; MUSIC-1C**Co-requisite:** MUSIC-1D**Advisory:** Concurrent enrollment in MUSIC-1E is highly recommended.**MUSIC-1C****1 UNIT****Musicianship I****TRANSFERABLE TO CSU AND UC****C-ID: MUS 125****9 LECTURE HOURS****45 LAB HOURS**

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory I through ear training, sight singing, analysis, and dictation. Required of all music majors and minors.

Co-requisite: MUSIC-1A**MUSIC-1D****1 UNIT****Theory Musicianship II****TRANSFERABLE TO CSU AND UC****C-ID: MUS 135****9 LECTURE HOURS****45 LAB HOURS**

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory II through ear training, sight singing, analysis and dictation. Continuation of Music 1C. Required of all music majors and minors.

Prerequisite(s): MUSIC-1A; MUSIC-1C**Co-requisite:** MUSIC-1B

MUSIC-1E**1 UNIT****Keyboard Harmony I****TRANSFERABLE TO CSU AND UC****C-ID: MUS 171****9 LECTURE HOURS****27 LAB HOURS**

In this course students refine and further develop beginning keyboard skills. This includes piano technique, major scales and arpeggios, sight-reading, chord progressions and harmonization and transposition skills, as encountered in upper-beginning/early intermediate piano music. The emphasis is on keyboard application of music theory. The course prepares music major students toward piano proficiency exams required at transferring universities.

Prerequisite(s): MUSIC-41A or by placement audition.

MUSIC-2A**3 UNITS****Music Theory III****TRANSFERABLE TO CSU AND UC****C-ID: MUS 140****54 LECTURE HOURS**

This course incorporates the concepts from Music Theory II through guided composition and analysis. The course will include more advanced chromatic chord functions and voice-leading. Required of all music majors. Course offered Fall semester only.

Prerequisite(s): MUSIC-1B; MUSIC-1D

Co-requisite: MUSIC-2C

Advisory: Concurrent enrollment in MUSIC-2E Keyboard Harmony II is highly recommended.

MUSIC-2B**3 UNITS****Music Theory IV****TRANSFERABLE TO CSU AND UC****C-ID: MUS 150****54 LECTURE HOURS**

This course incorporates the concepts from Music Theory III. Through guided composition and analysis, the course will include late Romantic, neo-Romantic, and Modernist harmonic and rhythmic structures and techniques. Required of all music majors. Offered Spring Semester only.

Prerequisite(s): MUSIC-2A; MUSIC-2C

Co-requisites: MUSIC-2D

MUSIC-2C**1 UNIT****Musicianship III****TRANSFERABLE TO CSU AND UC****C-ID: MUS 145****9 LECTURE HOURS****45 LAB HOURS**

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory III through ear-training, sight-singing, analysis, and dictation. Required of all music majors. Course offered Fall semester only.

Prerequisite(s): MUSIC-1B; MUSIC-1D

Co-requisite: MUSIC-2A

MUSIC-2D**1 UNIT****Musicianship IV****TRANSFERABLE TO CSU AND UC****C-ID: MUS 155****9 LECTURE HOURS****45 LAB HOURS**

This course applies and develops the rhythmic, melodic, and harmonic

materials of Music Theory IV through ear training, sight singing, analysis, and dictation. Required of all music majors.

Prerequisite(s): MUSIC-2A; MUSIC-2C

Co-requisite: MUSIC-2B

MUSIC-2E**1 UNIT****Keyboard Harmony II****TRANSFERABLE TO CSU AND UC****C-ID: MUS 172****9 LECTURE HOURS****27 LAB HOURS**

This course will allow students to refine and develop beginning keyboard skills. Piano technique, major and minor scales and arpeggios, sight-reading, expanded chord progressions, and harmonization and transposition skills are encountered in intermediate piano music. The course prepares students toward piano proficiency exams required at transferring universities.

Prerequisite(s): MUSIC-1E or Music Department Piano Skill Assessment.

MUSIC-3**3 UNITS****Music Appreciation****TRANSFERABLE TO CSU AND UC****C-ID: MUS 100****54 LECTURE HOURS**

A survey of art music in western civilization. Topics include but are not limited to elements of music, basic musical forms, music periods,, and the role of music and well known and historically marginalized musicians in the western world. Grades are P/NP Option.

MUSIC-8A**3 UNITS****Music History I****TRANSFERABLE TO CSU AND UC****C-ID: MUS 105****54 LECTURE HOURS**

Explore music history and literature from antiquity to 1750. Discover how culture, intellectual ideas, and society have influenced music throughout the history. Students will deeply examine the development of Western European music by analyzing historical details and how they relate to stylistic elements of musical trends in each era. The course will also explore the contributions of historically marginalized composers and performers as well as those who are well-known.

MUSIC-8B**3 UNITS****Music History II****TRANSFERABLE TO CSU AND UC****C-ID: MUS 106****54 LECTURE HOURS**

Explore music history and literature from 1750 to the present. Discover how culture, intellectual ideas, and society have influenced music throughout the history. Students will deeply examine the development of Western European music by analyzing historical details and how they relate to stylistic elements of musical trends in each era. The course will also explore the contributions of historically marginalized composers and performers as well as those who are well-known.

MUSIC-12**3 UNITS****Jazz Appreciation****TRANSFERABLE TO CSU AND UC****54 LECTURE HOURS**

General survey of jazz from its original and early development to present day; extensive listening to recorded and live performance supports the lecture material.

MUSIC-15 **3 UNITS****Popular Music in The United States****TRANSFERABLE TO CSU AND UC**
54 LECTURE HOURS

A survey of popular music in the United States from about 1850 to present. Covers American Civil War songs, ragtime, blues, jazz, songwriting, musical theater, country music, Latin music styles, rock, and current trends.

MUSIC-16 **3 UNITS****World Music****TRANSFERABLE TO CSU AND UC**
54 LECTURE HOURS

This survey of world music explores how music is used as a form of human expression in various cultures. Musical instruments, forms and styles, and the roles and functions of music in traditional and contemporary societies in various cultures throughout the world will be studied. Grades are P/NP Option.

MUSIC-17 **3 UNITS****Music As Culture****TRANSFERABLE TO CSU AND UC**
54 LECTURE HOURS

A search for a better understanding of what gives music meaning. Explorations into multiple genres, including classical, rock, rap, folk, Latino and World Music with an emphasis on the nature of sound, meaning, diversity, performance and value judgements.

MUSIC-18 **3 UNITS****Rock Music History and Culture****TRANSFERABLE TO CSU AND UC**
54 LECTURE HOURS

A survey of Rock music history with emphasis on its importance to culture and popular music. Covers the roots of rock, emergence and early styles, including the Beatles/British Invasion, San Francisco, Folk Rock, Soul and Motown, Jazz Rock, Art Rock, Mainstream, Heavy Metal, Dance, Rap and Hip-Hop culture, Alternative and Progressive Rock. Grades are P/NP Option.

MUSIC-26R **3 UNITS****Musical Theatre Workshop****TRANSFERABLE TO CSU AND UC**
162 LAB HOURS
REPEATABLE THREE TIMES ONLY

Fundamentals of musical theatre performance; singing, acting, dancing, orchestra, and technical stagework. Students may specialize in area of interest. Works to be selected from various periods and styles. Participation in Yuba College production is required. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in THART 26.

Entrance Requirement(s): Audition: Music 26R/THART 26 is an intensive course designed to prepare Music and Theatre Arts majors for careers in acting, musical performance and/or performance production. In order to be fully successful in this course, students already possess some knowledge of theatre performance and production.

MUSIC-28R **1 UNIT****Community Jazz Ensemble****TRANSFERABLE TO CSU AND UC**
C-ID: MUS 185
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

This course is for the study, rehearsal, and public performance of jazz ensemble literature, with an emphasis on the development of skills needed to perform within a specialized ensemble. Different literature will be studied each semester. The course is repeatable for credit the maximum times allowable by regulation. Grades are P/NP Option.

Entrance Requirement(s): Audition required. (Students may enroll in the course but may be dropped depending on the result of the audition.)

MUSIC-30AR **1 UNIT****Applied Skills: Woodwinds****TRANSFERABLE TO CSU AND UC**
C-ID: MUS 160
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

This course consists of individualized study of the appropriate techniques and repertoire for a woodwind instrument. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation, and other skills necessary for solo performance. For music majors with a concentration in either flute, oboe, clarinet, saxophone or bassoon. Achievement is evaluated through a juried performance.

Advisory: Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses from the MUS1A-2E sequence is strongly recommended.

Entrance Requirement(s): Auditions required. (Students may enroll in the course, but may be dropped based on audition result.)

MUSIC-30BR **1 UNIT****Applied Skills: Brass****TRANSFERABLE TO CSU AND UC**
C-ID: MUS 160
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

This course consists of individualized study of the appropriate techniques and repertoire for a brass instrument through private instruction. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation, and other skills necessary for solo performance. For music majors with a concentration in either trumpet, French horn, trombone, euphonium or tuba. Achievement is evaluated through a juried performance.

Advisory: Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses from the MUS1A-2E sequence is strongly recommended.

Entrance Requirement(s): Audition Required. (Students may enroll in the course, but may be dropped based on the audition result.)

MUSIC-30CR **1 UNIT****Applied Skills: Composition****TRANSFERABLE TO CSU AND UC**
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

This course consists of individualized study of composition and music arranging techniques through private and small group instruction. The emphasis is on the progressive development of skills needed to create transcriptions, arrangements and original compositions including

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proper notation. Students whose concentration is Composition also need to take Applied Skills in an instrument or voice to prepare for transfer auditions.

Advisory: Concurrent participation in an appropriate ensemble and enrollment in appropriate-level major preparation courses from the MUSIC 1A-2E sequence.

Entrance Requirement(s): Basic music reading skills. Audition required. Students may add the course but may be dropped if they do not meet the skill level.

MUSIC-30DR**1 UNIT****Applied Skills: Percussion**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 160
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

This course consists of individualized study of the appropriate techniques and repertoire for percussion instruments through private instruction. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation, and other skills necessary for solo performance. For music majors with a concentration in percussion.

Advisory: Concurrent participation in an appropriate ensemble and enrollment in appropriate level major preparation courses from the MUS1A-2E sequence is strongly recommended.

MUSIC-30ER**1 UNIT****Applied Skills: Strings**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 160
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

This course consists of individualized study of the appropriate techniques and repertoire for a string instrument through private instruction. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation, and other skills necessary for solo performance. For music majors with a concentration in either violin, viola, cello or string bass.

Advisory: Concurrent participation in an appropriate ensemble and enrollment in appropriate level major preparation courses from the MUS1A-2E sequence is strongly recommended.

Entrance Requirement(s): Audition required.

MUSIC-30GR**1 UNIT****Applied Skills: Classical Guitar**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 160
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

This course consists of individualized study of the appropriate techniques and repertoire for classical guitar through private instruction. The emphasis is on the progressive improvement of technical facility, musicianship, expressive interpretation, and other skills necessary for solo performance. For music majors with a concentration in guitar.

Entrance Requirement(s): Audition Required: (Students may enroll in the course, but may be dropped based on the audition result.)

Advisory: Concurrent participation in an appropriate ensemble and enrollment in appropriate level major preparation courses from the MUSIC 1A-2E sequence is highly recommended.

MUSIC-31R**1 UNIT****Applied Skills-Piano**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 160
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

Individualized instruction in advanced piano techniques, performance skills, and repertoire. The emphasis is on the progressive development of skills needed for solo performance. Public performance is required. Achievement is evaluated through a juried performance. Audition is required. For music majors with a piano concentration.

Entrance Requirement(s): Auditions required. (Students may enroll in the course but may be dropped depending on the result of audition.)

Advisory: The student must already possess basic music reading skills, fundamental technical skills such as the ability to play scale with correct fingering and left-right hand coordination, and some prior experience in playing Intermediate solo piano literature. Students without these skills should take elementary or Intermediate piano classes first to gain proficiency level before taking this course.

MUSIC-32R**1 UNIT****Applied Skills: Voice**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 160
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

Individualized instruction in vocal techniques, performance skills, and vocal repertoire. The emphasis is on the progressive development of skills needed for solo performance. Public performance is required. Achievement is evaluated through a juried performance.

Entrance Requirement(s): Audition Required. (Students may enroll in the course, but may be dropped based on the audition result.)

Advisory: The student must already possess basic music reading skills, fundamental singing skills such as matching pitches and breath technique, and some prior experience in solo or ensemble singing. Students without these skills should take elementary voice classes first to gain the proficiency level before taking this course.

MUSIC-34R**1 UNIT****Concert Choir**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 180
9 LECTURE HOURS
27 LAB HOURS
REPEATABLE THREE TIMES ONLY

This course is for the study, rehearsal, and public performance of literature appropriate to the choral ensemble, with an emphasis on the development of skills needed to perform within a large ensemble. Different literature will be studied each semester. Choice of ensemble for music majors is based on each student's identified major instrument or voice. Grades are P/NP Option.

Entrance Requirement(s): Audition required. (Students may enroll in the course but may be dropped depending on the result of audition.)

MUSIC-35**1 UNIT****Beginning Guitar**

TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS

Class instruction in beginning guitar techniques with an emphasis on melodic playing, fingerboard knowledge, music reading, and ensemble performance. Students must furnish their own guitars. Student who are music majors whose main instrument is guitar are encouraged to enroll for guitar ensemble experience. Grades are P/NP Option.

MUSIC-36A**1 UNIT****Intermediate Guitar I**

TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS

Intermediate guitar technique with an emphasis on expanded techniques, chordal exploration, and ensemble performance. Students must furnish their own guitars. Students who are music majors whose principal instrument is guitar are encouraged to enroll to gain ensemble performing skills. Grades are P/NP Option.

Prerequisite(s): MUSIC-35 or by placement.

MUSIC-36B**1 UNIT****Intermediate Guitar II**

TRANSFERABLE TO CSU
9 LECTURE HOURS
27 LAB HOURS

Continuation of intermediate guitar techniques with an emphasis on optimal fingering principles, left- and right-hand techniques, chordal exploration, and ensemble performance. Students must furnish their own guitars. Music majors whose principal instrument is guitar are encouraged to enroll to gain advanced guitar ensemble performing skills. Grades are P/NP Option.

Prerequisite(s): MUSIC-36A or by music department placement.

MUSIC-40A**1 UNIT****Elementary Voice**

TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS

Group instruction in elementary vocal techniques, including tone production, breathing, diction, and basic music reading skills. The students will develop these techniques and performance anxiety management through learning beginning-level songs and performing them for each other in class. The course is recommended for Voice Majors without previous experience as preparation for Applied Voice and for Theatre Majors with interest in musical theatre. Grades are P/NP Option.

MUSIC-41A**1 UNIT****Elementary Piano I**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 170
9 LECTURE HOURS
27 LAB HOURS

This course is an introduction to beginning keyboard skills, including notation. It includes basic technique, major and minor five finger patterns, major scales, sight reading, basic chord progressions, and solo repertoire, as they are encountered in beginning piano music. An emphasis is on developing musical skills necessary for reading and playing level-appropriate repertoire.

MUSIC-42A**1 UNIT****Intermediate Piano I**

TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS

Group piano class for students with at least one semester of concentrated piano study. The emphasis of this course is on playing level-appropriate musical selections, including techniques, repertoire, and sight reading skills, whereas the emphasis of MUS1E Keyboard Harmony I is on application of keyboard techniques to deepen understanding of Music Theory. This course prepares music major students for MUSIC 31R, Applied Skills in Piano. Grades are P/NP Option.

Advisory: Piano skills equivalent to skills learned in MUSIC-41A Elementary Piano I.

MUSIC-43R**1 UNIT****Symphonic Band**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 180
18 LECTURE HOURS
54 LAB HOURS
REPEATABLE THREE TIMES ONLY

This course is for the study, rehearsal, and public performance of literature appropriate to the wind ensemble, with an emphasis on the development of skills needed to perform within a large ensemble. Different literature will be studied each semester. Choice of ensemble is based on each student's identified major instrument or voice. The course is repeatable for credit the maximum times allowable by regulation. Grades are P/NP Option.

Entrance Requirement(s): Audition Required. (Students may enroll in the course before the audition, but may be dropped based on the audition result). Students should bring their own instruments (except percussion). The College may be able to loan an instrument in limited cases, but if one is not available, students may need to rent one from a local music store.

MUSIC-535**0 UNITS****Guitar Class**

9 LECTURE HOURS
27 LAB HOURS

Class instruction in basic guitar technique with an emphasis on left- and right-hand techniques, music reading, and ensemble performance. Students must furnish their own guitars. This is a non-credit course primarily but not exclusively intended for older adults as part of a lifelong education that provides opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through the creative expression of music making. Grades are Satisfactory Progress (Noncredit).

MUSIC-540**0 UNITS****Voice Class**

9 LECTURE HOURS
27 LAB HOURS

Instruction in vocal techniques, tone production, breathing, and diction, and their application to the art song and musical theatre repertoires, appropriate to student age and abilities. This is a noncredit course primarily but not exclusively intended for older adults as part of a life-long education providing opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making. Grades are Satisfactory Progress (Noncredit).

Entrance Requirement(s): Audition is required to determine the technical level of the student.

MUSIC-541**0 UNITS****Piano Class**

9 LECTURE HOURS
27 LAB HOURS

This is a class piano course covering keyboard skills, including notation. It includes basic technique, major and minor five finger patterns, major scales, sight reading and basic chord progressions, and solo repertoire as they are encountered in beginning to intermediate piano music. This is a non-credit course primarily but not exclusively intended for older adults as part of a lifelong education that provides opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through the creative expression of music making. As such, students with varying degrees of piano experience from beginning to advanced may enroll in the course. Level-appropriate literature and technical exercises will be assigned. Grades are Satisfactory Progress (Noncredit).

MUSIC-543**0 UNITS****Symphonic Band****18 LECTURE HOURS
54 LAB HOURS**

This course is for the study, rehearsal, and public performance of symphonic band literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature will be studied each semester. This is a non-credit course primarily but not exclusively intended for older adults as part of a lifelong education, providing opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making. Grades are Satisfactory Progress (Noncredit).

Entrance Requirement(s): Audition Required. (This is a public performance course, where students may be dropped based on the audition result if allocating available seats to students who have been judged most qualified was necessary, pursuant to Title 5, Section 58106.) Students should bring their own instruments (except percussion). The College may be able to loan an instrument in limited cases, but if one is not available, students may need to rent one from a local music store.

MUSIC-554**0 UNITS****Community Chorus****9 LECTURE HOURS
27 LAB HOURS**

This course is for the study, rehearsal and performance of choral literature from various styles, periods, and cultures, with an emphasis on the development of skills needed to perform within an ensemble. Open to all students and members of the community. Different literature will be studied each semester. This is a non-credit course primarily but not exclusively intended for older adults as a lifelong education that provides opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making. Grades are Satisfactory Progress (Noncredit).

MUSIC-558**0 UNITS****Community Jazz Ensemble****9 LECTURE HOURS
27 LAB HOURS**

This course is for the study, rehearsal, and public performance of jazz ensemble literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature will be studied each semester. This is a non-credit course primarily but not exclusively intended for older adults as part of a lifelong education, providing opportunities for personal growth and development, community involvement, and skills for mental and physical well-being through creative expression of music making. Grades are Satisfactory Progress (Noncredit).

Music Family of Classes**APPLIED MUSIC SKILLS:****Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 140 and 141 for details.)

MUSIC 30AR—Applied Skills: Woodwinds
MUSIC 30BR—Applied Skills: Brass
MUSIC 30CR—Applied Skills: Composition
MUSIC 30DR—Applied Skills: Percussion
MUSIC 30ER—Applied Skills: Strings
MUSIC 30GR—Applied Skills: Classical Guitar
MUSIC 31R—Applied Skills: Piano
MUSIC 32R—Applied Skills: Voice

GUITAR:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 142 for details.)

MUSIC 35—Beginning Guitar
MUSIC 36A—Intermediate Guitar I
MUSIC 36B—Intermediate Guitar II

INSTRUMENTAL ENSEMBLE/ PERFORMANCE:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 140 and 142 for details.)

MUSIC 28R—Community Jazz Ensemble
MUSIC 43R—Symphonic Band

MUSICAL THEATRE:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 140 for details.)

MUSIC 26R—Musical Theatre Workshop

PIANO:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 142 for details.)

MUSIC 41A—Elementary Piano I
MUSIC 42A—Intermediate Piano I

VOICE:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 141 and 142 for details.)

MUSIC 32R—Applied Skills: Voice
MUSIC 40A—Elementary Voice

Natural Resources (NTRSC)

FIELD TECHNICIAN-WATERSHED MANAGEMENT

CERTIFICATE OF ACHIEVEMENT

This program provides students with the concepts, methods, and applications of field work in watershed management and hydrology. Watershed program categories include the conservation of floodplains, invasive species, river restoration/bank stabilization and limiting nonpoint source pollutants. Also, students will be prepared to perform basic tasks in hydrology, such as quality sample collection, data retrieval from stream gages, and surveying, by using standard fieldwork methods, and GIS field applications to collect, store and interpret data. Emphasis is on techniques in data collection by following industry protocols for proper collection of reliable data, and quality assurance procedures. In addition to performing field work, the technicians will complete tasks such as compilation of review of collected data, database management, and data analysis, in collaboration with or in

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support of certified professionals.

Students who complete this program may get entry-level jobs as field technicians in a multitude of job settings, in government, agencies, such as Fish and Wildlife, Water Resources, utility companies, and federal agencies including Environmental Protection, Geological Survey, and National Parks and private industry.

Students who complete this program should be able to:

1. Acquire knowledge and skills in watershed management and perform tasks in conservation of floodplains, control invasive species, river restoration/bank stabilization and limiting nonpoint source pollutants.
2. Acquire the knowledge and skills for field work in hydrology, such as performing measurements of water level, stage and discharge; collect and prepare samples for lab analysis and verify accuracy of data; check water quality parameters in streams, lakes or groundwater.
3. Comprehend and apply fundamental concepts and practices of field data collection, data storage, and manipulation by using Web GIS technologies.
4. Document data collection activities and assess data for accuracy and completeness.
5. Effectively communicate, and present projects' results in oral, written, and graphic forms

REQUIRED COURSES		UNITS
ECOL 10	Environment-Concepts and Issues.....	3
GEOG 10	Introduction to Geographic Information Systems.....	3
GEOG 13	Introduction to Web GIS Applications.....	3
NTRSC 5	Water Resources and Conservation.....	3
NTRSC 12	Study Design and Field Methods.....	3

Complete 1-6 units from the following:

GEOG 40	Regional Field Studies in Mountain Landscapes.....	1
GEOG 41	Regional Field Studies in Geography.....	2
GEOG 42	Regional Field Studies in Coastal Geography.....	1
GEOG 43	Regional Field Studies in Arid Landscapes.....	1
NTRSC 15	Internship In Natural Resources.....	1.5-6

TOTAL UNITS REQUIRED FOR CERTIFICATE 16-21

SOIL CONSERVATION TECHNICIAN

CERTIFICATE OF ACHIEVEMENT

The Soil Conservation Technician certificate provides students with the concepts, methods, and applications of field work in soil conservation. Emphasis is on techniques in data collection by following industry protocols for proper collection of reliable data, and quality assurance procedures. The students will be prepared to collect soil samples, record keeping, by using web maps and web field applications. In addition to performing field work, the technicians will complete tasks such as compilation and review of collected data, database management, and data analysis, in collaboration with or in support of certified professionals.

More specifically, the technician surveys, plots, lays out, and stakes selected sites and assists landowners in selecting, installing, and maintaining a variety of measures that conserve and improve the soil, plant, water, marsh, wildlife and recreational resources of a land area. Examples of single conservation measures that may be employed on a land site include contour cultivation, grass waterways, terracing, tree planting, field windbreaks, irrigation ditches, grass and legume seeding, and farm drains.

Students who complete this program may get entry-level jobs as field technicians and assist soil conservationists in the implementation of resource management system plans, by surveying, staking, information gathering, and overall preparation for related field activities in soil conservation.

Students who complete this program should be able to:

1. Develop the skills and knowledge to assist the soil scientists in surveying, staking, information gathering, sampling, and other field operations that are needed to for conservation planning.
2. Acquire the knowledge and skills for field work in soil conservation to support soil scientists in planning to conserve and reclaim soil, preserve and restore wetlands and ecological areas, rotate crops for increased yields and soil conservation.
3. Comprehend and apply fundamental concepts and practices of field data collection, data storage, and manipulation by using Web GIS technologies.
4. Document data collection activities and assess data for accuracy and completeness.
5. Effectively communicate, and present field work results in oral, written, and graphic forms

REQUIRED COURSES		UNITS
GEOG 10	Introduction to Geographic Information Systems.....	3
GEOG 13	Introduction to Web GIS Applications.....	3
NTRSC 12	Study Design and Field Methods.....	3
NTRSC 24	Introduction to Forestry.....	3
PLSCI 22	Introduction To Soils.....	3

Complete 1-6 units from the following:

GEOG 40	Regional Field Studies in Mountain Landscapes.....	2
GEOG 41	Regional Field Studies in Geography.....	2
GEOG 42	Regional Field Studies in Coastal Geography.....	1
GEOG 43	Regional Field Studies in Arid Landscapes.....	1
NTRSC 15	Internship In Natural Resources.....	1.5-6

TOTAL UNITS REQUIRED FOR CERTIFICATE 16-21

COURSES

NTRSC-5 3 UNITS

Water Resources and Conservation

**TRANSFERABLE TO CSU
54 LECTURE HOURS**

This course provides an introduction to water resource management with an emphasis on water issues in California. It explores current and projected water issues in California and introduces students to fundamental aspects of Hydrology and Hydrogeology. The course investigates surface water and groundwater systems, with an emphasis on the interdisciplinary nature of sustainable water resource management that balances urban, agricultural, industrial, and environmental water needs. It considers the implications of water rights and key water policies in evaluating how water is used and exploited. The course also explores concepts and practices of water budgeting for agriculture and domestic use.

NTRSC-12 3 UNITS

Study Design and Field Methods

This interdisciplinary, field-based course explores regional topics in the physical environment, natural resources, and ecology. It covers study design, statistical methods, and sampling techniques, with hands-on field labs in land surveying, aquatic studies, soil and vegetation assessments, and wildlife monitoring. Key topics include survey skills (GIS, topographic maps), vegetation sampling (transects, quadrats), terrestrial wildlife methods (radio telemetry, remote cameras, trapping), and aquatic ecology techniques (water quality assessment). GIS and GPS applications are also included. Field trips may be required. Grades are P/NP Option.

Co-requisites: ECOL-10

Advisory: GEOG-13

NTRSC-15

1.5-6 UNITS

Internship In Natural Resources

TRANSFERABLE TO CSU
81-324 LECTURE HOURS

The Natural Resources Internship offers students the opportunity to gain practical experience and valuable skills in the field of natural resources management. This hands-on internship is designed to complement theoretical knowledge gained in the classroom with real-world application in various aspects of natural resources conservation, with a focus on Geographic Information Systems (GIS), Watershed Management, Soil Conservation, and Forestry. Students will engage in a structured learning experience under the guidance of experienced professionals in the field. The internship will provide exposure to a range of tasks and projects aimed at enhancing understanding and proficiency in natural resources management techniques and gaining real life work experience skills. Grades are P/NP Only.

Prerequisite(s): GEOG-13

NTRSC-24

3UNITS

Introduction to Forestry

TRANSFERABLE TO CSU
54 LECTURE HOURS

This course is an introduction to forest ecological and biological processes and forest management. Students will learn through discussion of silviculture, policy, operations, forest products, and management decision making processes. Students will learn about basic techniques for measuring, mapping, and analyzing forests using GIS applications and other tools. Understanding forest ecosystem components, such as soil, water, insect infestations, uncontrolled fire, and human activity will be emphasized throughout the course. Priority will be placed on understanding both traditional use of forest resources and emerging, multiple-use goals utilizing best practices. Grades are P/NP Option.

Nursing

ASSOCIATE IN SCIENCE NURSING (ASN)

Yuba College offers an Associate in Science Nursing (ASN) program leading to licensure as a Registered Nurse (RN).

Applicants are rated with our multi-criteria enrollment process based on the California Community College Chancellor's Office admission formula (Merit-Based-Tool) to evaluate and admit, selected from a rank ordering or total points assigned to different GPA, Casper and TEAS result levels as well as points assigned to the optional criteria. There are two application periods per year and students are accepted for the spring and fall semesters. The nursing program at Yuba College is impacted; there are more students who apply than can be accepted into the program. If an applicant is not chosen, the student may reapply for the next nursing application cycle.

Our Nursing program consists of a combination of general education and nursing courses with related laboratory experience in local health agencies. The nursing curriculum is a two-year program offered in four sequential semesters. There are morning, afternoon, evening, night and weekend clinical experiences required which may change with limited notice. A grade of "C" or better is required in each nursing course for progression in the program and for our Associate in Science Nursing (ASN).

Program costs are approximately \$6,500. The student is responsible for providing uniforms, laboratory fees, health examination, health insurance, drug testing, criminal background check, necessary equipment, living expenses and transportation to off-campus laboratory locations. Nursing program students should expect fees of approximately \$575.00 to take the NCLEX. All costs/fees are subject to change.

Successful completion of the program qualifies the student to take the National Council of State Boards of Nursing Licensing Examination (NCLEX) to become registered as a nurse and eligible for employment. Graduates after passing the NCLEX will have a variety of employment opportunities.

Note: The California Board of Registered Nursing (BRN) protects the public by screening applicants for licensure to identify potentially unsafe practitioners. The law provides for denial of licensure for crimes or acts, which are substantially related to nursing qualifications, functions, or duties. At time of licensure application, all convictions must be reported except for minor traffic violations. (Business and Professions Code §480 and Nurse Practice Act ARTICLE 3 §2761)

Note: Providing a Social Security Number (SSN) OR Individual Taxpayer Identification Number (ITIN): Pursuant to Business and Professions Code §30(c) the BRN will not process any application for licensure unless the applicant provides a SSN or ITIN. The Nursing Practice Act provides for a unified examination and licensing application. Once an applicant passes the examination, a license is automatically issued. Under these circumstances the BRN cannot accept applications for the examination and licensure without an SSN/ITIN.

PREREQUISITE COURSEWORK:

Biology (minimum cumulative 2.5 GPA required):

BIOL 4	Human Anatomy	4 units
BIOL 5	Human Physiology	4 units
BIOL 6	Microbiology	4 units

REMAINING PREREQUISITE COURSES (minimum cumulative 2.5 GPA required):

ENGL C1000	Academic Reading and Writing	4 units
	(formerly ENGL 1A College Composition and Reading)	
STAT C1000	Introduction to Statistics	4 units
	(formerly STAT 1 Introduction to Statistical Methods) OR	
PSYCH 6	Introduction to Statistics in Social and Behavioral Science ..	4 units
CHEM 2A	Introductory Chemistry	5 units
HLTH 10	Principles of Nutrition	3 units
PSYC C1000	Introduction to Psychology	3 units
	(formerly PSYCH 1A General Psychology)	
SOCIL 1	Introduction to Sociology OR	3 units
ANTHR 2	Cultural Anthropology	3 units
COMM C1000	Introduction to Public Speaking	3 units
	(formerly SPEECH 1 Public Speaking) OR	
SPEECH 6	Group Communication	3 units
Arts and Humanities course		3 units
	(Yuba College General Education Area 3)	
Ethnic Studies course		3 units
	(Yuba College General Education Area 6)	

Note: There is no recency requirement for prerequisites.

Note: In-progress grades are not accepted for prerequisite courses.

Note: Some ASN prerequisite courses have their own prerequisite(s). Please refer to the current course description for additional information.

Note: Our Nursing Course Equivalencies list will determine acceptance of pre-nursing courses taken outside the Yuba College Community District. If a course is not listed and an applicant wants the course(s) to be considered, work with a Yuba College counselor for the petition process.

Enrollment Eligibility: To be eligible for enrollment in the program, the student must meet the following criteria:

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1. Completion of the latest edition of the Casper and Test of Essential Academic Skills (TEAS), developed by the Assessment Technologies Institute, LLC (ATI). A minimum composite score is necessary to be eligible for application to the program (see Yuba College Website for nursing (nursing.yccd.edu)).
2. Students admitted to the Yuba College Nursing Program are required to have specified clinical compliances.
 - a. Immunizations and compliances
 - b. Drug and alcohol screening
 - c. Criminal background screening
 - (1) Applicants who are found to have certain violations that preclude clinical placement will have the offer of admission rescinded.
 - d. All costs related to clinical compliance are the responsibility of the applicant.
 - e. Our department's drug, background, and compliance policy and procedure are in our Student Handbook located on the Yuba College Website for nursing. (nursing.yccd.edu).

Note: The Yuba College Nursing Program reserves the right to make changes in the enrollment criteria, academic requirements, grading standards and other processes without notice at any time.

Enrollment Process: Eligible students are selected for the program according to the following steps:

1. Students must complete a Yuba College application and complete the college entry requirements.
2. Applicants must obtain a Yuba College student identification number in order to access the online application.
3. OFFICIAL transcripts (outside the Yuba Community College District) and all other supporting documents must be submitted by the posted due date for the candidate's application to be accepted.
4. Meet all eligibility requirements (above).
5. Complete our online application.
6. Applicants will be offered time sensitive conditional enrollment. There is a mandatory onsite orientation requirement.
7. Applicants who meet the criteria are admitted on a space-available basis using the Merit-Based-Tool and screening process.

Note: Detailed information about program requirements, enrollment criteria, enrollment applications and deadlines are available on the Yuba College Website for nursing (nursing.yccd.edu).

Only students who meet the educational and pre-nursing requirements and follow the enrollment procedures will be considered for the program. Meeting all these requirements does not guarantee acceptance into the program. Students wishing to transfer into the second, third, or fourth semester of the nursing program can review our Transfer Student process on our Yuba College Website for nursing (nursing.yccd.edu).

Students who complete this program should be able to:

1. Evaluate nursing care provided to clients, families, groups, populations, and communities from diverse backgrounds in a variety of settings to ensure that it is compassionate, age and culturally appropriate and based on a client's preferences, values and needs.
2. Collaborate with members of the interprofessional healthcare team to manage and coordinate client care.
3. Demonstrate use of current evidence and clinical expertise when making clinical decisions.
4. Integrate technologies into practice that support clinical judgment in the management of client care.

5. Use quality improvement strategies to effect change in the delivery of client care.
6. Evaluate effectiveness of strategies used to support a culture of safety that reduces the risk of injury to patients, self and others.
7. Integrate accountable and responsible behaviors that uphold established regulatory, legal, and ethical principles.
8. Use leadership, management and priority-setting skills in the provision and management of safe, quality client-centered care.
9. Use communication skills that promote an effective exchange of information, development of therapeutic relationships, and shared decision making.

REQUIRED COURSES:

First Semester		Units
NURS 11A	Fundamentals of Nursing Concepts.....	9
NURS 11B	Fundamentals of Nursing Pharmacology.....	3
Second Semester		Units
NURS 12A	Adult Health I	8
NURS 12B	Nursing Care of Childbearing Families	4
Third Semester		Units
NURS 13A	Adult Health II	8
NURS 13B	Pediatrics	4
Fourth Semester		Units
NURS 14A	Adult Health III with Leadership	6.5
NURS 14B	Integrated Nursing Concepts: NCLEX-RN Readiness	1.5
NURS 14C	Psychiatric-Mental Health Nursing	4
TOTAL UNITS REQUIRED FOR DEGREE MAJOR		48

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Nursing students are waived the health graduation requirement. Please see your counselor for additional information.

LVN TO RN CAREER MOBILITY PROGRAM

ASSOCIATE IN SCIENCE

Yuba College offers a LVN to RN Career Mobility Program with an Associate in Science Nursing (ASN) degree leading to licensure as a Registered Nurse (RN). Our LVN to RN program is one year (2 semesters) students enter the second year of our program, joining the generic cohort.

Applicants are rated with our multi-criteria enrollment process based on the California Community College Chancellor's Office admission formula (Merit-Based-Tool) to evaluate and admit, selected from a rank ordering or total points assigned to different GPA, Casper and TEAS result levels as well as points assigned to the optional criteria. There are two application periods per year and students are accepted for the spring and fall semesters. The nursing program at Yuba College is impacted; there are more students who apply than can be accepted into the program. If an applicant is not chosen, the student may reapply for the next nursing application cycle.

Our Nursing program consists of a combination of general education and nursing courses with related laboratory experience in local health agencies. The nursing curriculum is a two-year program offered in four sequential semesters. There are morning, afternoon, evening, night and weekend clinical experiences required which may change with limited notice. A grade of "C" or better is required in each nursing course for progression in the program and for our Associate in Science Nursing (ASN).

Program costs are approximately \$4,000. The student is responsible for providing uniforms, laboratory fees, health examination, health

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insurance, drug testing, criminal background check, necessary equipment, living expenses and transportation to off-campus laboratory locations. Nursing program students should expect fees of approximately \$575.00 to take the NCLEX. All costs/fees are subject to change.

Successful completion of the program qualifies the student to take the National Council of State Boards of Nursing Licensing Examination (NCLEX) to become registered as a nurse and eligible for employment. Graduates after passing the NCLEX will have a variety of employment opportunities.

Note: The California Board of Registered Nursing (BRN) protects the public by screening applicants for licensure to identify potentially unsafe practitioners. The law provides for denial of licensure for crimes or acts, which are substantially related to nursing qualifications, functions, or duties. At time of licensure application, all convictions must be reported except for minor traffic violations. (Business and Professions Code §480 and Nurse Practice Act ARTICLE 3 §2761)

Note: Providing a Social Security Number (SSN) OR Individual Taxpayer Identification Number (ITIN): Pursuant to Business and Professions Code §30(c) the BRN will not process any application for licensure unless the applicant provides a SSN or ITIN. The Nursing Practice Act provides for a unified examination and licensing application. Once an applicant passes the examination, a license is automatically issued. Under these circumstances the BRN cannot accept applications for the examination and licensure without an SSN/ITIN.

The Nursing Practice Act provides for a unified examination and licensing application. Once an applicant passes the examination, a license is automatically issued. Under these circumstances the BRN cannot accept applications for the examination and licensure.

PREREQUISITE COURSEWORK:

Biology (minimum cumulative 2.5 GPA required):

BIOL 4	Human Anatomy	4 units
BIOL 5	Human Physiology	4 units
BIOL 6	Microbiology	4 units

Remaining Prerequisite Courses (minimum cumulative 2.5 GPA required):

ENGL C1000	Academic Reading and Writing	4 units
	(formerly ENGL 1A College Composition and Reading)	
STAT C1000	Introduction to Statistics OR	4 units
	(formerly STAT 1 Introduction to Statistical Methods)	
PSYCH 6	Introduction to Statistics in Social and Behavioral Science	4 units
CHEM 2A	Introductory Chemistry	5 units
HLTH 10	Principles of Nutrition	3 units
PSYC C1000	Introduction to Psychology	3 units
SOCIL 1	Introduction to Sociology OR	3 units
ANTHR 2	Cultural Anthropology	3 units
COMM C1000	Introduction to Public Speaking OR	3 units
	(formerly SPECH 1 Public Speaking)	
SPECH 6	Group Communication	3 units
Arts and Humanities course	3 units	
	(Yuba College General Education Area 3)	
Ethnic Studies course	3 units	
	(Yuba College General Education Area 6)	

Nursing (Minimum 2.0 GPA required):

NURS 12C	LVN-RN Bridge Course	5 units
	(includes 4 units lecture/theory and 1 unit lab)	

Note: There is no recency requirement for prerequisites. NURS 12C is only offered in the Fall.

Note: In-progress grades are not accepted for prerequisite courses.

Note: Some ASN prerequisite courses have their own prerequisite(s). Please refer to the current course description for additional information.

Note: Our Nursing Course Equivalencies list will determine acceptance of pre-nursing courses taken outside the Yuba College Community

District. If a course is not listed and an applicant wants the course(s) to be considered, work with a Yuba College counselor for the petition process.

Enrollment Eligibility: To be eligible for enrollment in the program, the student must meet the following criteria:

1. Completion of the latest edition of the Casper and Test of Essential Academic Skills (TEAS), developed by the Assessment Technologies Institute, LLC (ATI). A minimum composite score is necessary to be eligible for application to the program (see Yuba College Website for nursing (nursing.yccd.edu)).
2. Students admitted to the Yuba College Nursing Program are required to have specified clinical compliances.
 1. Immunizations and compliances.
 2. Drug and alcohol screening.
 3. Criminal background screening
 - (1) Applicants who are found to have certain violations that preclude clinical placement will have the offer of admission rescinded.
 4. All costs related to clinical compliance are the responsibility of the applicant.
 5. Our department's drug, background, and compliance policy and procedure are in our Student Handbook located on the Yuba College Website for nursing (nursing.yccd.edu).
3. Active and unencumbered Current California Vocational Nurse License (LVN).
4. Graduation from an accredited vocational school of nursing or demonstrated mastery of course content by Challenge Examination.
5. Complete NURS 12C LVN-RN Bridge Course (minimum 2.0 GPA required).
 1. The Yuba College Nursing Program does not take a bridge course from another school; the course must be completed at Yuba College.
 2. Course must be on the student's transcript to apply.
6. An LVN is offered conditional enrollment will provide their syllabi of each of their previously completed LVN courses
 1. The syllabi will be reviewed for course content, hours of clinical (direct patient care), the depth/breadth of the course
 2. These LVN's previously completed LVN nursing courses will be reviewed for potential placement in our program
7. Current Intravenous Therapy certification

Note: The Yuba College Nursing Program reserves the right to make changes in the enrollment criteria, academic requirements, grading standards and other processes without notice at any time.

Enrollment Process: Eligible students are selected for the program according to the following steps:

1. Students must complete a Yuba College application and complete the college entry requirements.
2. Applicants must obtain a Yuba College student identification number in order to access the online application.
3. OFFICIAL transcripts (outside the Yuba Community College District) and all other supporting documents must be submitted by the posted due date for the candidate's application to be accepted.
4. Meet all eligibility requirements (above).
5. Complete our online application.
6. Applicants will be offered time sensitive conditional enrollment. There is a mandatory onsite orientation requirement.
7. Applicants who meet the criteria are admitted on a space-available

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basis using the Merit-Based-Tool and screening process.

Note: Detailed information about program requirements, enrollment criteria, enrollment applications and deadlines are available on the Yuba College Website for nursing (nursing.yccd.edu).

Only students who meet the educational and pre-nursing requirements and follow the enrollment procedures will be considered for the program. Meeting all these requirements does not guarantee acceptance into the program.

Students who complete this program should be able to:

1. Evaluate nursing care provided to clients, families, groups, populations, and communities from diverse backgrounds in a variety of settings to ensure that it is compassionate, age and culturally appropriate and based on a client's preferences, values and needs.
2. Collaborate with members of the interprofessional healthcare team to manage and coordinate client care.
3. Demonstrate use of current evidence and clinical expertise when making clinical decisions.
4. Integrate technologies into practice that support clinical judgment in the management of client care.
5. Use quality improvement strategies to effect change in the delivery of client care.
6. Evaluate effectiveness of strategies used to support a culture of safety that reduces the risk of injury to patients, self and others
7. Integrate accountable and responsible behaviors that uphold established regulatory, legal, and ethical principles.
8. Use leadership, management and priority-setting skills in the provision and management of safe, quality client-centered care.
9. Use communication skills that promote an effective exchange of information, development of therapeutic relationships, and shared decision making.

PROGRAM REQUIREMENTS

REQUIRED COURSES		UNITS
First Semester:		
NURS 13A	Adult Health II	8
NURS 13B	Pediatrics	4
Second Semester:		
NURS 14A	Adult Health III with Leadership	6.5
NURS 14B	Integrated Nursing Concepts: NCLEX-RN Readiness	1.5
NURS 14C	Psychiatric-Mental Health Nursing	4
TOTAL UNITS REQUIRED FOR DEGREE MAJOR		24

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Nursing majors are waived the health graduation requirement. Please see your counselor for additional information.

LVN TO RN 30-UNIT OPTION

CERTIFICATE OF ACHIEVEMENT

Yuba College offers an LVN to RN 30-Unit Option which is a non-degree nursing, "non-graduate," education alternative. In accordance with California State Regulation 1429, this option allows the student to be eligible to take the NCLEX-RN in a "non-graduate" status, defined as a person completing the minimum requirements for licensure without completing the requirements for a degree.

Upon completion of the 30-unit option the student will not be a graduate of Yuba College or obtain an Associate in Science in Nursing Degree. The 30-unit option is a non-graduate status is not

an accredited program and therefore the student upon completion may not be eligible for employment by certain employers including the military or any federally funded or governmental facilities such as the Veterans Administration. Upon completion of the 30-unit option and after passing the NCLEX-RN the student may be licensed as a registered nurse in California. However, states other than California may not grant RN licensure based upon the completion of this option. In addition, career laddering to a higher level (RN, BSN, MSN) may also be limited.

30-unit option students are admitted into the second year (fourth semester) of the RN program, joining the generic cohort, dependent upon space availability. The applicants are ranked for admission based on our Readmission Policy (see our Student Handbook at <https://yc.yccd.edu/nursing/program/> (<https://yc.yccd.edu/nursing/program/>)). There are two periods per year and students are potentially accepted for entry into the spring or fall semester. The nursing program at Yuba College is impacted; there are more students who apply than can be accepted into the program. Since this pathway is based on space availability, please contact 530.740.1745.

The pathway consists of a combination of general education and nursing courses with related laboratory experience in local health agencies. There are morning, afternoon, evening, night, and weekend clinical experiences required which may change with limited notice. A grade of "C" or better is required in each nursing course for progression in the courses.

Program costs are approximately \$4,000. The student is responsible for providing uniforms, laboratory fees, health examination, health insurance, drug testing, criminal background check, necessary equipment, living expenses and transportation to off-campus laboratory locations. Nursing program students should expect fees of approximately \$575 to take the NCLEX-RN. All costs/fees are subject to change.

Note: The California Board of Registered Nursing (BRN) protects the public by screening applicants for licensure to identify potentially unsafe practitioners. The law provides for denial of licensure for crimes or acts, which are substantially related to nursing qualifications, functions, or duties. At time of licensure application, all convictions must be reported except for minor traffic violations. (Business and Professions Code §480 and Nurse Practice Act ARTICLE 3 §2761)

Note: Providing a Social Security Number (SSN) OR Individual Taxpayer Identification Number (ITIN): Pursuant to Business and Professions Code §30(c) the BRN will not process any application for licensure unless the applicant provides a SSN or ITIN. The Nursing Practice Act provides for a unified examination and licensing application. Once an applicant passes the examination, a license is automatically issued. Under these circumstances the BRN cannot accept applications for the examination and licensure without an SSN/ITIN.

PREREQUISITE COURSEWORK

Biology (minimum cumulative 2.5 GPA required):

BIOL 5	Human Physiology	4 units
BIOL 6	Microbiology	4 units

Nursing (Minimum 2.0 GPA required):

NURS 13C	30-unit option LVN-RN Bridge Course	10 units
(includes 6 units lecture/theory and 4 units lab)		

Note: There is no recency requirement for prerequisites.

Note: In-progress grades are not accepted for prerequisite courses.

Note: Some ASN prerequisite courses have their own prerequisite(s). Please refer to the current course description for additional information.

Note: Our Nursing Course Equivalencies list will determine acceptance of pre-nursing courses taken outside the Yuba College Community District. If a course is not listed and an applicant wants the course(s) to be considered, work with a Yuba College counselor for the petition process.

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Enrollment Eligibility: To be eligible for enrollment in the program, the student must meet the following criteria:

1. Completion of the latest edition of the Casper and Test of Essential Academic Skills (TEAS), developed by the Assessment Technologies Institute, LLC (ATI). A minimum composite score is necessary to be eligible for application to the program (see Yuba College Website for nursing (nursing.yccd.edu)).
2. Active and unencumbered Current California Vocational Nurse License (LVN).
3. Graduation from an accredited vocational school of nursing or demonstrated mastery of course content by Challenge Examination.
4. Completion of our NURS 13C 30-unit option LVN-RN Bridge Course.
 - a. The Yuba College Nursing Program does not take a bridge course from another school, the course must be completed at Yuba College.
 - b. Course must be on the student's transcript to apply.
5. An LVN is offered conditional enrollment will provide their syllabi of each of their previously completed LVN courses.
 - a. The syllabi will be reviewed for course content, hours of clinical (direct patient care), the depth/breadth of the course.
 - b. These LVN's previously completed LVN nursing courses will be reviewed for potential placement in our program.
6. Current Intravenous Therapy certification.
7. Students admitted to the Yuba College Nursing Program are required to have specified clinical compliances.
 - a. Immunizations and compliances.
 - b. Drug and alcohol screening.
 - c. Criminal background screening.
 - i. Applicants who are found to have certain violations that preclude clinical placement will have the offer of admission rescinded.
 - d. All costs related to clinical compliance are the responsibility of the applicant.
 - e. Our department's drug, background, and compliance policy and procedure are in our Student Handbook located on the Yuba College Website for nursing (nursing.yccd.edu).

Note: The Yuba College Nursing Program reserves the right to make changes in the enrollment criteria, academic requirements, grading standards and other processes without notice at any time.

Enrollment Process:

Eligible students are selected for the program according to the following steps:

1. Students must meet with the Director of Nursing, Allied Health by appointment call 530.741.6978 to meet prior to submitting request for the 30-unit option.
 - a. Sign and agree to the 30-unit Non-Graduate Status Attestation.
2. Students must complete a Yuba College application and complete the college entry requirements.
3. Applicants must obtain a Yuba College student identification number to access the online application.
4. OFFICIAL transcripts (outside the Yuba Community College District) and all other supporting documents must be submitted by the posted due date for the candidate's application to be accepted.
5. Meet all eligibility requirements (above).
6. Complete our online application during an open application period.
7. Applicants will be offered time sensitive conditional enrollment.
 - a. If selected there is a mandatory onsite orientation requirement.
8. Applicants who meet the criteria are admitted on a space-available basis, using the Merit-Based-Tool and screening process.
 - a. Our generic Associate in Science Nursing (ASN) program and our LVN to RN Career Mobility programs are impacted.
 - b. Placement in the 30 unit option is done utilizing our Readmission ranking policy in our Student Handbook.

Note: Detailed information about program requirements, enrollment criteria, enrollment applications and deadlines are available on the Yuba College Website for nursing (nursing.yccd.edu).

Only students who meet the educational and pre-nursing requirements and follow the enrollment procedures will be considered for the program. Meeting all these requirements does not guarantee acceptance into the program.

Students who complete this program should be able to:

1. Evaluate nursing care provided to clients, families, groups, populations, and communities from diverse backgrounds in a variety of settings to ensure that it is compassionate, age and culturally appropriate and based on a client's preferences, values and needs.
2. Collaborate with members of the interprofessional healthcare team to manage and coordinate client care.
3. Demonstrate use of current evidence and clinical expertise when making clinical decisions.
4. Integrate technologies into practice that support clinical judgment in the management of client care.
5. Use quality improvement strategies to effect change in the delivery of client care.
6. Evaluate effectiveness of strategies used to support a culture of safety that reduces the risk of injury to patients, self and others.
7. Integrate accountable and responsible behaviors that uphold established regulatory, legal, and ethical principles.
8. Use leadership, management and priority-setting skills in the provision and management of safe, quality client-centered care.
9. Use communication skills that promote an effective exchange of information, development of therapeutic relationships, and shared decision making.

PROGRAM REQUIREMENTS

REQUIRED COURSES		UNITS
BIOL 5	Human Physiology	4
BIOL 6	Introductory Microbiology	4
NURS 13C	30 unit option LVN-RN Bridge Course	10
NURS 14A	Adult Health III with Leadership	6.5
NURS 14B	Integrated Nursing Concepts: NCLEX-RN Readiness	1.5
NURS 14C	Psychiatric-Mental Health Nursing	4

TOTAL UNITS REQUIRED FOR CERTIFICATE	30
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COURSES

NURS-1	9 UNITS
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Fundamentals of Medical Surgical

TRANSFERABLE TO CSU
72 LECTURE HOURS
270 LAB HOURS

Fundamentals of Medical Surgical Nursing introduces the foundational concepts, knowledge and skills essential to the practice of professional nursing. This course provides an introduction for the first semester nursing student to concepts and practices as they relate to the non-critical young adult through geriatric adult in the medical surgical (and/or skilled care) environment. Through utilization of the nursing process, the student will begin to recognize alterations in physiological functioning and formulate age and acuity appropriate nursing

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interventions. Selected psychomotor skills associated with meeting the basic needs, medication administration, physical assessment, and sterile techniques will be studied and practiced. (L,M)

Prerequisite(s): NURS-26; NURS-36

Entrance Requirement(s): Formal admission to the Yuba College Nursing program.

NURS-2**7 UNITS****Introduction Medical Surgical Nursing****TRANSFERABLE TO CSU****72 LECTURE HOURS****162 LAB HOURS**

This course focuses on nursing concepts and safe nursing care of selected clients in selected systems under study. Further emphasis of learning is upon the surgical patient, the patient with wounds, and the patient who is in pain. (L,M,C)

Prerequisite(s): NURS-1

NURS-3**5 UNITS****Intermediate Medical Surgical Nursing****TRANSFERABLE TO CSU****36 LECTURE HOURS****162 LAB HOURS**

This course is designed to provide learning opportunities for in-depth application of the nursing process to the health needs of a selection of acutely ill patients and simulated acutely ill patients. Emphasis is on the application of biophysical and psychosocial knowledge to meet the health care needs of the adult with acute and chronic disorders in selected body systems. (L,M,C)

Prerequisite(s): NURS-2

NURS-4**6.5 UNITS****Advanced Medical Surgical Nursing****TRANSFERABLE TO CSU****54 LECTURE HOURS****189 LAB HOURS**

The course introduces concepts related to patients with hematologic, immunologic, burns, infective, and cancerous processes and diseases. The topics of Leadership and Management, Delegation, Quality and Safety, Time Management, Conflict Resolution, Organization Structure and Change, Legal and Ethical issues, and Role Transition are content focuses. The scope of practice of the registered nurse as defined by the California Business and Professions Code is discussed along with an outlook on the future of nursing and nursing practice.

Prerequisite(s): NURS-3

NURS-11A**9 UNITS****Fundamentals of Nursing Concepts****TRANSFERABLE TO CSU****90 LECTURE HOURS****216 LAB HOURS**

This course introduces nursing concepts and roles of the registered nurse in various health care settings. Emphasis is placed on the knowledge and skills needed to provide safe, quality care. The theoretical foundation for basic assessment and nursing skills is presented, and the beginning student is given an opportunity to demonstrate these skills in selected settings. An introduction to the nursing process provides a decision-making framework to assist students in developing effective clinical judgment skills.

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Acceptance into the Yuba College Registered Nursing Program.

NURS-11B**3 UNITS****Fundamentals of Nursing Pharmacology****TRANSFERABLE TO CSU****54 LECTURE HOURS**

The purpose of this course is to examine pharmacotherapeutic agents used in the treatment of illness and the promotion, maintenance, and restoration of wellness in diverse individuals. It focuses on drug classification, concepts, and principles of pharmacology, with special consideration for the nursing role in developing a comprehensive approach to the clinical application of drug therapy using the nursing process. Nursing implications relative to the utilization of drug therapy and safe medication administration are examined. Safety and legal implications of drug administration are discussed.

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Acceptance into the Yuba College Registered Nursing Program.

NURS-12A**8 UNITS****Adult Health I****TRANSFERABLE TO CSU****72 LECTURE HOURS****216 LAB HOURS**

This course focuses on the care of adult clients with health alterations that require medical and/or surgical intervention. Concepts of client-centered care, cultural sensitivity, informatics, safe practice, and professionalism are integrated throughout the course. Clinical experiences provide the advanced beginner student an opportunity to apply theoretical concepts and implement safe client care to adults in a variety of settings.

Prerequisite(s): NURS-11A; NURS-11B

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Acceptance into the Yuba College Registered Nursing Program.

NURS-12B**4 UNITS****Nursing Care of Childbearing Families****TRANSFERABLE TO CSU****36 LECTURE HOURS****108 LAB HOURS**

This course provides an integrative, family-centered approach to the care of childbearing individuals and newborns. Emphasis is placed on normal and high-risk pregnancies, normal growth and development, family dynamics, and the promotion of healthy behaviors in clients. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe client care to childbearing individuals and newborns in selected settings.

Prerequisite(s): NURS-11A; NURS-11B

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Acceptance into the Yuba College Registered Nursing Program.

NURS-12C**5 UNITS****LVN-RN Bridge Course****TRANSFERABLE TO CSU****72 LECTURE HOURS****54 LAB HOURS**

This course is designed for the California Licensed Vocational Nurse (LVN) the emphasis is placed on health assessment across the lifespan, family communication, patient education, teamwork and collaboration, role transition, clinical judgment, and management of care. The course introduces nursing concepts and roles of the registered nurse in various health care settings. Content builds upon the fundamentals, medical-surgical, obstetrical and pediatric nursing content the student

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received in their vocational nursing program. Classroom and simulation experiences will provide students with the opportunity to utilize critical thinking skills, while providing nursing care for patients from a variety of diverse backgrounds.

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Currently licensed as a Licensed Vocational Nurse.

NURS-13A**8 UNITS****Adult Health II**

TRANSFERABLE TO CSU
72 LECTURE HOURS
216 LAB HOURS

Building on Adult Health I, this course focuses on the care of adult clients with more advanced health alterations that require medical and/or surgical intervention. Concepts of client-centered care, cultural sensitivity, informatics, safe practice, and professionalism are integrated throughout the course. Clinical experiences provide the intermediate student an opportunity to apply theoretical concepts and implement safe client care to more acutely ill adults in a variety of settings.

Prerequisite(s): NURS-11A; NURS-11B; NURS-12A; NURS-12B

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Acceptance into the Yuba College Registered Nursing Program.

NURS-13B**4 UNITS****Pediatrics**

TRANSFERABLE TO CSU
36 LECTURE HOURS
108 LAB HOURS

This course emphasizes the care of the children with a family-centered approach. Emphasis is placed on normal growth and development, family dynamics, common pediatric disorders, and the promotion of safety, developmental aspects, and unique needs of the pediatric client. Clinical experiences provide the student the opportunity to apply theoretical concepts and implement safe client care to children in selected settings.

Prerequisite(s): NURS-11A; NURS-11B; NURS-12A; NURS-12B

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Acceptance into the Yuba College Registered Nursing Program.

NURS-13C**10 UNITS****30 unit option LVN-RN Bridge Course**

TRANSFERABLE TO CSU
108 LECTURE HOURS
216 LAB HOURS

This course is designed for the California Licensed Vocational Nurse (LVN) seeking placement in the LVN To RN Only (30-Unit Option) CA. Emphasis is placed on health assessment across the lifespan, family communication, patient education, teamwork and collaboration, role transition, clinical judgment, and management of care for medical-surgical adult, obstetric, and pediatric patients. Classroom, simulation, and clinical experiences will provide students with the opportunity to utilize critical thinking skills, while providing nursing care for patients from a variety of diverse backgrounds.

Prerequisite(s): BIOL-5; BIOL-6

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Possession of a current clear and active California Licensed Vocational Nurse (LVN) license at the time of application and throughout program completion **and** Acceptance into the LVN to RN Only (30 unit option) track and completion of BIOL-5 and BIOL-6.

NURS-14A**6.5 UNITS****Adult Health III with Leadership**

TRANSFERABLE TO CSU
54 LECTURE HOURS
189 LAB HOURS

This course focuses on advanced concepts of nursing care as they relate to clients across the lifespan with complex, multisystem alterations in health. Emphasis is placed on implementing time management and organizational skills, while managing the care of clients with multiple needs and collaborating with the interdisciplinary team. Complex clinical skills, as well as priority setting, clinical judgment, and tenets of legal and ethical practice, are integrated throughout the course. Clinical experiences provide the advanced student an opportunity to apply theoretical concepts and implement safe care to clients and selected groups in a variety of settings. This course facilitates the transition of the advanced student to the role of a professional nurse. Emphasis is placed on contemporary issues and leadership and management concepts, including delegation and conflict management. Legal and ethical issues are discussed, with a focus on personal accountability and responsibility. Standards of practice and the significance of functioning according to state regulations and statutes are analyzed.

Prerequisite(s): NURS-11A; NURS-11B; NURS-12A; NURS-12B; NURS-13A; NURS-13B

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Acceptance into the Yuba College Registered Nursing Program.

NURS-14B**1.5 UNITS****Integrated Nursing Concepts: NCLEX-RN Readiness**

TRANSFERABLE TO CSU
27 LECTURE HOURS

This capstone course provides a comprehensive, curriculum-aligned review of essential nursing concepts to prepare students for success on the NCLEX-RN licensure examination. By the end of the course, students will synthesize and apply nursing knowledge from all semesters of the program, strengthen clinical reasoning, and develop individualized study and testing plans. Grades are P/NP Only.

Prerequisite(s): NURS-14A

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Acceptance into the Yuba College Registered Nursing Program.

NURS-14C**4 UNITS****Psychiatric-Mental Health Nursing**

TRANSFERABLE TO CSU
36 LECTURE HOURS
108 LAB HOURS

This course focuses on care of clients across the lifespan experiencing cognitive, mental and behavioral disorders. Emphasis is placed on management of the clients facing emotional and psychological stressors, as well as promoting and maintaining the mental health of individuals and families. Clinical experiences provide the student opportunities to apply theoretical concepts and implement safe care in select settings.

Prerequisite(s): NURS-11A; NURS-11B; NURS-12A; NURS-12B; NURS-13A; NURS-13B

Advisory: Students need basic keyboarding and computer literacy.

Entrance Requirement(s): Acceptance into the Yuba College Registered Nursing Program.

NURS-18**1 UNIT****Comprehensive Review for The NCLEX RN Examination****TRANSFERABLE TO CSU**
18 LECTURE HOURS

Comprehensive review and test taking strategies for the Registered Nurse (RN) Student in Nursing Science, Pharmacology, and Nursing content area's related to the RN NCLEX Examination. (L) Grades are P/NP Only.

Prerequisite(s): NURS-3**NURS-21****3.5 UNITS****Pediatric Nursing****TRANSFERABLE TO CSU**
27 LECTURE HOURS
108 LAB HOURS

This pediatric course focuses on registered nurses' care from infancy through adolescence. Health problems are studied in the acute and community care setting. Education of the pediatric client and their family on health promotion, growth and development, disease prevention, and safety issues are addressed. Ethical and legal issues are discussed. The impact of diverse cultural and spiritual beliefs on health care decisions are explored. (L,M,C)

NURS-22**3.5 UNITS****Obstetrical Nursing****TRANSFERABLE TO CSU**
27 LECTURE HOURS
108 LAB HOURS

This course focuses on integration and application of the nursing process as it relates to the provision of culturally sensitive nursing care to the childbearing family during pregnancy, birth, the postpartum period, and care of the newborn. Content will also include women's health across the lifespan, including preventative care and diagnosis and treatment of gynecologic disorders. Application of concepts, theory, and clinical skills is provided by selected patient care experiences in a variety of inpatient and outpatient settings. Computer literacy skills are recommended. (L,M,C)

Prerequisite(s): NURS-1**NURS-26****3 UNITS****Pharmacology****TRANSFERABLE TO CSU**
54 LECTURE HOURS

Basic principles of pharmacology with focus on pharmacokinetics, pharmacodynamics, and related therapeutic implication for major drug categories. This course may be taken by nursing and non-nursing students. (L,M)

Advisory: BIOL-4 and BIOL-5 recommended.**NURS-33****4 UNITS****Psychiatric/Mental Health Nursing****TRANSFERABLE TO CSU**
36 LECTURE HOURS
108 LAB HOURS

Eclectic approach to psychiatric and mental health nursing including psychodynamics of human behavior, group dynamic, therapeutic communication and psychopharmacology, with an emphasis on concepts and principles as applied to self and individuals in therapy. The clinical nursing experience involves the application of nursing process, meeting the mental health and psychosocial needs as well as physiological health needs of individuals throughout the life span during one to one interactions with clients, participating in group process, staff conferences and various treatment modalities. (L,M)

NURS-36**4 UNITS****Pathophysiology: Understanding Disease****TRANSFERABLE TO CSU**
72 LECTURE HOURS

The study of disease pathology in the human body with a focus on the study of abnormal physiological function of body systems at the cellular level. Correlation to disease etiology and biological and physical manifestations produced by abnormal physiology. Core course content for NURS 1 through NURS 4B, nursing courses. The content of this course is content required for licensure with the California Board of Registered Nursing. Course is required to be completed prior to formal admission to the Yuba College Nursing Program. (L,C)

Prerequisite(s): BIOL-4; BIOL-5**NURS-37****2 UNITS****LVN to RN Bridge Course****TRANSFERABLE TO CSU**
27 LECTURE HOURS
27 LAB HOURS

The bridge course is designed to prepare the Licensed Vocational Nurse to enter the 3rd semester of the ADN Program and to facilitate transition from the LVN to RN role.

NURS-51**3 UNITS****Medical Terminology****54 LECTURE HOURS**

Intended to assist those studying in the fields of medicine and health care by learning a word-building system for defining, using, spelling and pronouncing medical words. Course is designed for those preparing for a health career such as nursing, medical secretary, ward secretary, emergency medical technician, medical technologist, respiratory therapist, or other fields that require a medical vocabulary. (C)

NURS-55**1 UNIT****Nursing Skills Lab****54 LAB HOURS**

Designed for nursing students to remediate or update nursing skills and nursing care to patients via simulation, learn to access health care information via the internet, obtain help with writing skills specific to nursing department requirements and remediate or update math skills relating to calculation of dosages and solutions. Grades are P/NP Only.

NURS-56**1 UNIT****Advanced Nursing Skills Lab****54 LAB HOURS**

Designed for nursing students in the advanced instruction to practice and/or remediate in advanced nursing skills. Areas of practice include advanced procedures, technological equipment experience, help with advanced analysis of assessment findings, diagnostics, and multiple system acute pathologies, activities to promote critical thinking, simulation, and developing complex nursing care plans. (L,M,C) Grades are P/NP Only.

NURS-57**1 UNIT****Second Year Advanced Nursing Skills Lab****54 LAB HOURS**

Designed for 2nd year nursing student to practice and/or remediate in advanced/basic nursing skills. Areas include advanced procedures, equipment, assessment, diagnostics, and multiple system pathologies for adult and pediatric clients. Activities promote critical thinking, development of complex nursing care plans/concept maps, and growth and development for adult and pediatric clients. Remediation in first year skills as needed. (L,M,C) Grades are P/NP Only.

Philosophy

Philosophy courses are designed to cultivate wisdom by critically questioning fundamental beliefs about reality, self-identity, knowledge, religion, and ethics. The core courses that make up the curriculum include Introduction to Philosophy, Critical Thinking, Ethics, Philosophy of Religion, and World Religions.

COURSES

PHIL-1 **3 UNITS**

Introduction to Philosophy

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Introduces students to the nature and practice of philosophic inquiry by focusing on traditional philosophic issues from a multicultural perspective. Particular emphasis will be given to classic Western philosophers as well as classic Eastern sources. Grades are P/NP Option.

PHIL-2 **3 UNITS**

Ethics

TRANSFERABLE TO CSU AND UC
C-ID: PHIL 120
54 LECTURE HOURS

An introduction to the study of ethics emphasizing the relevance of ethics to everyday decision-making. Topics include: the human context of moral reasoning, relativism, subjectivism, religion and ethics, conscience and moral development, ethical egoism, utilitarianism, the ethics of duty, rights ethics, virtue ethics and the good life, and case studies in moral reasoning. (L)

PHIL-3 **3 UNITS**

Philosophy of Religion

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

A philosophical exploration of religious belief and practice, with an emphasis on understanding how the world's major religious traditions - Eastern and Western - respond to fundamental issues concerning the ultimate nature of reality. Topics include: religion and philosophy, worldviews and religion, metaphysics without God, metaphysics with God, arguments for God's existence, the problem of evil, incarnation and God, God and gender, life after death, religious experience, science and religion, prudential arguments for religious belief, faith and justification, love and the meaning of life. (L)

PHIL-6 **3 UNITS**

Political Philosophy

TRANSFERABLE TO CSU AND UC
POLS 120
54 LECTURE HOURS

This course introduces students to the major authors of political thought and examines the assumptions and central issues involved in political thinking. Concepts such as: democracy, fascism, justice, rights, law liberty, political authority, political principles, and consequences will be examined through an analysis of classical and contemporary reading selections. (L) Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in POLSC- 6.

PHIL-12 **3 UNITS**

Critical Thinking

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This course instructs students in critical thinking skills emphasizing the relationship of language to logic, leading to the ability to analyze, criticize, and advocate ideas, to reason inductively and deductively, and to identify the assumptions upon which particular conclusions depend. Students will gain the ability to distinguish fact from judgment, knowledge from belief, truth from falsehood; to use elementary inductive and deductive processes; and to recognize common logical errors or fallacies of language and thought. Topics include: definitions of critical thinking, language and meaning, claims and reasons, argument and inference, argument identification and reconstruction, inductive reasoning, deductive reasoning, underlying assumptions, evaluating assumptions, assumptions and evidence, worldviews as a context for critical thought, evaluating arguments, sound and fallacious reasoning, informal fallacies, casual inference, and scientific method. As part of the course requirements, students will write at least 5000 words demonstrating both skills in composition and critical thinking.

Prerequisite(s): ENGL-1A

PHIL-20 **3 UNITS**

World Religions

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

A survey of the beliefs and practices of Eastern and Western religious traditions. Emphasis will be given to the origin and development of each tradition, its major forms of expression, and the various ways in which each tradition addresses the most fundamental questions of human existence. (L)

Physical Science

COURSES

PHYS-10B **3 UNITS**

Physical Science - Physics & Chemistry

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
54 LECTURE HOURS

Basic concepts in physics and chemistry: motion, force, energy, electricity, atomic theory, matters, chemical and physical changes, radioactivity, and an introduction to modern physics. This course also includes introduction to applied physical sciences including Geology, Meteorology, Astronomy, and Oceanography. (L)

PHYS-10C **1 UNIT**

Physical Science - Physics and Chemistry Lab

TRANSFERABLE TO CSU AND UC
54 LAB HOURS

Laboratory experiments in physics and chemistry to reinforce and complement the materials presented in PHYS-10B which may be taken concurrently. (L)

Co-requisite: PHYS-10B

Physics

COURSES

PHYS-2A

3 UNITS

General Physics I

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: PHYS 105 (PHYS 2A AND PHYS 3A)
54 LECTURE HOURS

Comprehensive study of physics, including mechanics, hydro-statics, thermodynamics and wave motion; equal emphasis placed on active participation of students' through wide range of interactive classroom techniques for qualitative understanding and quantitative problem solving. Intended primarily for non-physics and non-engineering science majors including life science majors. (L,M)

Prerequisite(s): MATH-21

Co-requisite: PHYS-3A

PHYS-2B

3 UNITS

General Physics II

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: PHYS 110 (PHYS 2B AND PHYS 3B)
54 LECTURE HOURS

Comprehensive study of physics, including electricity and magnetism, optics, atomic and nuclear physics, and relativity; equal emphasis placed on active participation of students through a wide range of interactive classroom techniques for qualitative understanding and quantitative problem solving. Intended primarily for non-physics and non-engineering science majors including life science majors. (L,M)

Prerequisite(s): PHYS-2A; PHYS-3A

Co-requisite: PHYS-3B

PHYS-3A

1 UNIT

General Physics Laboratory I

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: PHYS 105 (PHYS 2A AND PHYS 3A)
54 LAB HOURS

Performance of lab experiments to verify the important concepts of PHYS 2A. (L,M)

Co-requisite: PHYS-2A

Limitations on Enrollment: Course not open for credit to students with credit in PHYS-4 series, or equivalent.

PHYS-3B

1 UNIT

General Physics Laboratory II

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: PHYS 110 (PHYS 2B AND PHYS 3B)
54 LAB HOURS

Performance of lab experiments to verify the important concepts of PHYS 2B. (L,M)

Prerequisite(s): PHYS-2A; PHYS-3A

Co-requisite: PHYS-2B

Limitations on Enrollment: Course not open for credit to students with credit in PHYS-4 series.

PHYS-4A

4 UNITS

Mechanics

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: PHYS 205
54 LECTURE HOURS
54 LAB HOURS

An overview of the field of physics- its position and significance relative to the sciences- followed by a detailed study of mechanics. Primarily for architecture, chemistry, engineering, geophysics, and physics majors. (L,M)

Prerequisite(s): MATH-1A

Co-requisite: MATH-1B

PHYS-4B

4 UNITS

Electromagnetism

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: PHYS 210
54 LECTURE HOURS
54 LAB HOURS

Study of electromagnetism with accompanying laboratory. (L,M)

Prerequisite(s): PHYS-4A

PHYS-4C

4 UNITS

Thermodynamics, Light, and Modern Physics

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: PHYS 215
54 LECTURE HOURS
54 LAB HOURS

Study of thermodynamics, optics, and modern physics with accompanying laboratory. (L,M)

Prerequisite(s): PHYS-4B

Physical Education

(See KINESIOLOGY)

Plant Science

(See AGRICULTURE and PLANT SCIENCE)

Political Science

POLITICAL SCIENCE

ASSOCIATE IN ARTS FOR TRANSFER

The Associates in Arts in Political Science for Transfer degree is designed for students to transfer into the CSU system to complete a bachelor's degree in Political Science or similar major. The degree promotes student engagement with politics at local, domestic, and international levels. Students are exposed to different perspectives on civic issues, political thoughts, American politics and world politics through which students are trained to be critical and analytical thinkers.

The Political Science program offers lower division courses to study government, public policy, political philosophies, political theories and international relations.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Analyze the opposing arguments of major political issues.
2. Identify social, political, and/or economic forces necessary to establish a certain political order.
3. Distinguish major political theories and/or political concepts

REQUIRED COURSES

UNITS

Select three courses from the following:

POLS C1000	American Government and Politics	3
POLSC 2	Comparative Politics.....	3
POLSC 6	Political Philosophy	3
POLSC 7	International Relations	3

LIST A: Select two courses from the following:

Any course from above not already selected.....	3
POLSC 3 California Politics.....	3
STAT C1000 Introduction to Statistics OR	4
PSYCH 6 Introduction to Statistics in Social and Behavioral Sciences ..	4

LIST B: Select one course from the following:

Any course from above not already used	3-4
HIST C1001 United States History to 1877	3
HIST C1002 United States History since 1865	3
SOCIL 5 Sociology of Race and Ethnicity	3
SOCIL 6 Sociology of Sex and Gender	3

TOTAL UNITS REQUIRED FOR MAJOR

18-19

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with a "C" or better or "P" (pass) grades, and achieve a minimum transferable GPA of 2.0.

COURSES

POLS-C1000 (formerly POLSC-1)

3 UNITS

American Government and Politics

TRANSFERABLE TO CSU AND UC

C-ID: POLS 110

54 LECTURE HOURS

This course is an introduction to government and politics in the United States and California. Students examine the constitutions, structure, and operation of governing institutions, civil liberties and civil rights, political behaviors, political issues, and public policy using political science theory and methodology. Grades are P/NP Option.

POLSC-2

3 UNITS

Comparative Politics

TRANSFERABLE TO CSU AND UC

C-ID: POLS 130

54 LECTURE HOURS

An introduction to comparative politics. This course compares the major political systems in selected countries, including industrialized democracies, developing states, and current/former communist regimes. It analyzes the similarities and differences among the major states by studying their government types, ideologies, political parties, and economies. Students will learn about methods of comparison of various political systems.

POLSC-3

3 UNITS

California Politics

TRANSFERABLE TO CSU AND UC

54 LECTURE HOURS

An introduction to California politics that explores state, county, and municipal governments. Examines how state politics impact Californians' daily lives with an insight into California's diverse and unique people, cultures, and political processes. Current major political issues will be analyzed, such as economic and class conflict, immigration issues, ethnic-cultural relations, and contemporary challenges that urban, suburban, and rural governments face.

POLSC-6

3 UNITS

Political Philosophy

TRANSFERABLE TO CSU AND UC

C-ID: POLS 120

54 LECTURE HOURS

This course introduces students to the major authors of political thought and examines the assumptions and central issues involved in political thinking. Concepts such as democracy, fascism, justice, rights, law liberty, political authority, political principles, and consequences will be examined through an analysis of classical and contemporary reading selections. (L) Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in PHIL- 6.

POLSC-7

3 UNITS

International Relations

TRANSFERABLE TO CSU AND UC

C-ID: POLS 140

54 LECTURE HOURS

A survey of historical and contemporary international relations. Focus will be on major IR theories and methodologies, international security, globalization, international political economy, international law, international institutions (e.g. UN, WTO, NAFTA, NGOs), and human security. This class also analyzes the foreign policies of major actors, major states, areas of conflict and tension, and various aspects of globalization. In addition, it explores how people of different cultures

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and ethnic background impact the domestic and foreign politics of their states, with emphasis on issues of human security: ethnic conflict, the global North and South economic gap, pandemics, human rights, population, environment and resource management.

Psychiatric Technician

PSYCHIATRIC TECHNICIAN CERTIFICATE OF ACHIEVEMENT

The Psychiatric Technology Program is a four-semester and single-summer session program offered at the Yuba College Campus. The program includes 558 theoretical hours of classroom education, correlated with 972 clinical practicum hours. The subject matter reflects the knowledge and skills specified by Board of Vocational Nursing Psychiatric Technology Education (BVNPTE) regulation, rules, and laws. All clinical practicums will be under the supervision of a licensed BVNPTE-approved clinical instructor. The curriculum may be periodically revised to reflect the evolution of the profession and BVNPTE laws and regulations.

Theory and clinical program content shall reflect the client and patient population that are normally associated with the licensed Psychiatric Technician which will include clients/patients with mental disorders, personality disorders, substance abuser, and developmentally disabled. Students will be admitted based upon date of special program application reflected to the program waitlist number. Call (530) 741-6742 to request additional information regarding the program. Application is on the Yuba Community College, Psychiatric Technician web page.

Students who complete this program should be able to:

1. Demonstrate basic assessment (data collection), participate in planning, execute interventions in accordance with the care plan or treatment plan, and contributes to evaluation of individualized interventions related to the care plan or treatment plan.
2. Demonstrate therapeutic communication skills to patient/client care and education.
3. Pass the California state board exam for licensure as a psychiatric technician after completing all required theory and clinical hours.

REQUIRED COURSES

UNITS

First Semester

HLTH 10 Principles of Nutrition	3
PSYCT 50 Anatomy and Physiology	3
PSYCT 51 Human Development	2
PSYCT 52 Nursing Science A	2
PSYCT 55 Pharmacology A	2

Second Semester

PSYCT 53 Developmental Disabilities A	4
PSYCT 54 Nursing Science B	5

Summer

PSYCT 56 Nursing Science C	5
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Third Semester

PSYCT 57 Psychiatric Disorders A	7
PSYCT 58 Group Process	2
PSYCT 59 Crisis Management	2
PSYCT 60 Pharmacology B	2

Fourth Semester

PSYCT 61 Substance Abuse	1
PSYCT 62 Psychiatric Disorders B	4
PSYCT 63 Developmental Disabilities B	5

TOTAL UNITS REQUIRED FOR CERTIFICATE

49

COURSES

PSYCT-50

3 UNITS

Anatomy and Physiology

54 LECTURE HOURS

Introductory course providing a comprehensive overview of normal structure and function of the human organism. Includes but not limited to the following: cell and tissue structure and function, organ and system differentiation and related terminology. Designed for the psychiatric technician student.

PSYCT-51

2 UNITS

Human Development

36 LECTURE HOURS

Overview of normal human growth and development from biologic conception to death. Includes but not limited to the following: identification of major theorists/theories, presentation of major milestone of growth and development associated with the chronologic age groups and subject related terminology.

Entrance Requirement(s): Admission to the Psychiatric Technician program required.

PSYCT-52

2 UNITS

Nursing Science A

36 LECTURE HOURS

Overview and orientation to the nursing science, which includes the following: basic medical terminology, fundamental concepts relating to the health care systems, ethical and professional codes of conduct and overview of past, current, and future trends in the U.S. health care systems.

Entrance Requirement(s): Admission to the Psychiatric Technician program required.

PSYCT-53

4 UNITS

Developmental Disabilities A

36 LECTURE HOURS

108 LAB HOURS

Introductory overview of the five developmental disability subtypes: intellectual disabilities, epilepsy, cerebral palsy, infantile autism and neurological handicapping. Also included will be instruction in MAB (Managing Assaultive Behavior) training designed to prepare the student to effectively manage assaultive behavior.

Prerequisite(s): PSYCT-50; PSYCT-51; PSYCT-52; PSYCT-55; HLTH-10

Entrance Requirement(s): Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site).

Additional Enrollment Fees: Students will be required to also purchase the following: CPR, Background Test, Drug Test, Stethoscope, Uniforms, Nurse pack.

PSYCT-54**5 UNITS****Nursing Science B****36 LECTURE HOURS
162 LAB HOURS**

Overview of diseases and disorders in terms of diagnostic criteria, symptom presentations, system pathology, medical/nursing interventions and typical prognosis. Emphasis shall be on nursing interventions, special care needs, and patient related skills. Application of basic nursing skills associated with "long term care" patients. The clinical affiliation also includes a 40 hour skills lab practicum at the Yuba College Nursing Lab to include basic nursing care.

Prerequisite(s): PSYCT-50; PSYCT-51; PSYCT-52; PSYCT-55; HLTH-10

Entrance Requirement(s): Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site.)

Additional Enrollment Fees: Students will be required to also purchase the following: CPR, Background Test, Drug Test, Stethoscope, Uniforms, Nurse pack.

PSYCT-55**2 UNITS****Pharmacology A****36 LECTURE HOURS**

Introductory overview to the basic concepts associated with the field of nursing related pharmacology. Includes a math review, computation conversion and review of specific drugs relating to specific drug classifications. The course material shall be directly related to the clinical medical experience offered in the clinical portion of this program.

Entrance Requirement(s): Students must be accepted into the Psychiatric Technician program.

PSYCT-56**5 UNITS****Nursing Science C****36 LECTURE HOURS
162 LAB HOURS**

Overview of the medical-surgical nursing component of the program: includes all age groups, common diagnoses, nursing interventions and aspects of an acute care medical facility. in the clinical portion of the course, students will apply nursing skills relating to the medical surgical patient within an acute care medical facility. This application of skills will involve various age groups, diagnoses, and health care needs.

Prerequisite(s): PSYCT-53; PSYCT-54

Entrance Requirement(s): Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site).

Additional Enrollment Fees: Students will be required to also purchase the following: CPR, Background Test, Drug Test, Stethoscope, Uniforms, Nurse pack.

PSYCT-57**7 UNITS****Psychiatric Disorders A****36 LECTURE HOURS
270 LAB HOURS**

Overview of the major psychiatric disorders. Emphasis shall be on the following: psychiatric terminology, psychiatric disorders, symptoms, nursing interventions, treatment and typical prognosis. Application of psychiatric skills relating to patients in the acute care, day treatment and adult education components of the Sutter-Yuba Mental Health Care System. Includes the following: application of therapeutic communication skills, medication administration, group process participation, observation, clinical assessment, interdisciplinary team participation, and one-to-one observation.

Prerequisite(s): PSYCT-56

Entrance Requirement(s): Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site).

Additional Enrollment Fees: Students will be required to also purchase the following: CPR, Background Test, Drug Test, Stethoscope, Uniforms, Nurse pack.

PSYCT 58**2 UNITS****Group Process****36 LECTURE HOURS**

Overview of the therapeutic intervention known as group process as it relates to the developmentally disabled and psychiatric client. Includes the following: related terminology, group leader skills, goals of the group process and specific client behaviors.

Prerequisite(s): PSYCT-56

PSYCT-59**2 UNITS****Crisis Management****36 LECTURE HOURS**

Overview of the concept of "crisis" relating to an individual's personal reaction to physical or psychological stressors. Includes but not limited to the following: recognition of stress response, specific adaptive responses, specific maladaptive responses, the dynamics of grief "burnout and suicide."

Prerequisite(s): PSYCT-56

PSYCT-60**2 UNITS****Pharmacology B****36 LECTURE HOURS**

Overview the somatic therapies with emphasis upon the psychotropic medications as they relate to the psychiatric client. Includes but not limited to the following major drug classes: antipsychotic, antidepressant, antianxiety, antimanic, and anticholinergic.

Prerequisite(s): PSYCT-55; PSYCT-56

Advisory: Student must be able to accurately calculate medical dosages prior to taking class.

PSYCT-61**1 UNIT****Substance Abuse****18 LECTURE HOURS**

Provides for the historical overview of those drugs that are most commonly misused, or abused within the contemporary U.S. society. Makes a distinction between substance-use disorders and substance-induced disorders. All major drugs that have the potential for abuse and or misuse shall be presented in terms of the following: classifications, physical/psychological effects and dependency potential.

Entrance Requirement(s): Admission to the Psychiatric Technician program required.

PSYCT-62**4 UNITS****Psychiatric Disorders B****36 LECTURE HOURS
108 LAB HOURS**

Provides for the general orientation to the ten personality disorders as described in Axis II of the DSM-V. Emphasis shall be upon the defining criteria, interpersonal impact, social consequences and intervention techniques. This course will also have 108 hours in mental and developmental disabilities clinical sites.

Prerequisite(s): PSYCT-57; PSYCT-58; PSYCT-59; PSYCT-60

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Entrance Requirement(s): Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site).

PSYCT-63**5 UNITS**

Developmental Disabilities B

36 LECTURE HOURS**162 LAB HOURS**

Provides an overview of the application of the behavioral science known as "behavior intervention" as it applies to the population that has intellectual disabilities. Includes a summary of state and federal legislation for the developmental disabilities. Also includes a general preparation for the Board of Vocational Nurses and Psychiatric Technicians (BVNPT) state board examination. Provides for direct participation with the specific agency known as "Community Resource Services". Students shall be assigned to CRS sites for their clinical rotation.

Entrance Requirement(s): Admission to the Psychiatric Technician program required.

Psychology

PSYCHOLOGY

ASSOCIATE IN ARTS FOR TRANSFER

The Associate in Arts in Psychology for Transfer degree is designed for students for transfer into the CSU system to complete a bachelors degree in Psychology. Psychology is the study of human thought, feelings, and behavior. Part of its appeal is the fact that it involves both scientific investigation and practical applications of those findings in everyday life.

Yuba College Psychology courses offer a diverse program with several goals: 1) To expose students to the variety of sub-fields in psychology; 2) to engender knowledge of, and appreciation for, the spirit and nature of scientific inquiry; 3) to facilitate insight into oneself and increase knowledge of, and sensitivity to, others; 4) to introduce students to the basic body of knowledge, thus preparing them for further study in Psychology.

Those pursuing psychology as a field of study will find many career options centering around helping others to understand, predict, and influence their own behavior and the behavior of others. Psychologists may teach, conduct research, perform psychological testing, or do consultation in a variety of settings which include hospitals, businesses, private practice, personnel offices, industry, colleges and universities, and government. Training in Psychology provides a valuable foundation for professions wherein interpersonal interactions are a component of the work setting.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Analyze psychological data, information, and theories.
2. Articulate similarities and differences in human behavior among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues as they relate to human behavior.
3. Apply psychological principles to the development of interpersonal, occupational and social skills and life-long personal growth.
4. Demonstrate respect for the psychological differences in opinions, feelings and values of others in one's interactions.
5. Draw reasonable conclusions in relation to human behavior from the data/information/theories.

REQUIRED COURSES

UNITS

PSYCH C1000	Introduction to Psychology.....	3
PSYCH 7	Research Methods in Psychology.....	3
PSYCH 6	Introduction to Statistics in Social and Behavioral Science	OR3
STAT C1000	Introduction to Statistics.....	3

List A: Complete 4-5 units from the following:

BIOL 1	Principles of Biology	4
BIOL 4	Human Anatomy	4
BIOL 10L	General Biology.....	4
BIOL 15	Bioscience	4
BIOL 24L	Human Biology with Laboratory.....	4
BIOL 10	General Biology AND	3
BIOL 11	General Biology Laboratory	1

List B: Complete one course from the following:

ENGL C1001	Critical Thinking and Writing	3
ENGL C1003	Critical Thinking and Writing Through Literature.....	4
PHIL 12	Critical Thinking.....	3

List C: Complete one course from the following:

PSYCH 12	Human Sexuality	3
PSYCH 22	Social Psychology	3
PSYCH 33	Personal and Social Adjustment.....	3
PSYCH 41	Lifespan Development.....	3
PSYCH 43	Introduction to Abnormal Psychology.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 20-22

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

PSYCHOLOGY WITH A FOCUS ON SOCIAL SERVICES

ASSOCIATE IN ARTS

Psychology is the study of human thought, feelings, and behavior. Part of its appeal is the fact that it involves both scientific investigation and practical applications of those findings in everyday life. This degree is designed to introduce students to the field of psychology with a specific emphasis on social services. Those pursuing this degree will find career options centering around helping others. This program is designed to prepare students for employment as para-professionals with agencies such as (but not limited to) youth group homes, youth and family services agencies, schools, probation, welfare, and mental

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health departments. Specific career titles may include (but are not limited to) peer support group facilitator, youth group home worker, and county/state eligibility worker.

This degree is not designed to prepare students to transfer to a UC or CSU. If the goal is to transfer to a UC or CSU, the Psychology ADT is a much better option.

Students who complete this program should be able to:

1. Apply psychological principles to the development of interpersonal, occupational and social skills and life-long personal growth.
2. Demonstrate respect for the psychological differences in opinions, feelings and values of others in ones interactions.
3. Analyze psychological data/information/theories.
4. Articulate similarities and differences in human behavior among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues as they relate to human behavior.
5. Draw reasonable conclusions in relation to human behavior from the data/information/theories.

REQUIRED COURSES**UNITS**

PSYCH C1000	Introduction to Psychology.....	3
PSYCH 12	Human Sexuality and Sexual Behavior.....	3

Complete two courses from the following:

PSYCH 7	Research Methods in Psychology	3
PSYCH 22	Social Psychology	3
PSYCH 33	Personal and Social Adjustment.....	3
PSYCH 41	Lifespan Development.....	3

Complete two courses from the following:

AJ 10	Introduction to Criminal Justice System	3
ECE 31	Child, Family, Community.....	3
HUSEV 10	Introduction to Human Services.....	3
HUSEV 28	Skills and Techniques of Group Counseling OR	3
SPECH 6	Small Group Communication OR	3
SPECH 7	Interpersonal Communication OR	3
SPECH 8	Intercultural Communication	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COURSES**PSYC-C1000 (formerly PSYCH-1A)****3 UNITS****Introduction to Psychology****TRANSFERABLE TO CSU AND UC****C-ID: PSY 110****54 LECTURE HOURS**

This course is an introduction to psychology, which is the study of the mind and behavior. Students focus on theories and concepts of biological, cognitive, developmental, environmental, social, and cultural influences; their applications; and their research foundations. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Topics include the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

Advisory: Eligibility for college-level writing (C-ID ENGL 100) and reading (a course with an existing skill of ability to read a college level text).

PSYCH-6**4 UNITS****Introduction to Statistics in Social and Behavioral Science****TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT****C-ID: MATH 110****72 LECTURE HOURS**

An introduction to the basic statistical methods and analyses commonly used in social and behavioral science research (use of probability techniques, hypothesis testing, and predictive techniques), including applications of statistical software to social science data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Application of both hand computation and statistical software (e.g. Jamovi) to data in a behavioral and social science contexts will be emphasized to include the interpretation of the relevance of the statistical findings. This course is designed for Psychology students who plan to transfer to a UC/CSU.

Prerequisite(s): PSYC-C1000; Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the intermediate algebra level.

PSYCH-7**3 UNITS****Research Methods in Psychology****TRANSFERABLE TO CSU AND UC****C-ID: PSY 200****54 LECTURE HOURS**

This course covers the many research designs and methods in psychology, including descriptive, associative, and causal claims. The various instrumentation, collection procedures, data collection and analysis, and reporting procedures are also examined. Research methods and design will be surveyed from a wide section of psychological fields.

Prerequisite(s): PSYC-C1000; PSYCH-6 or STAT-C1000

PSYCH-12**3 UNITS****Human Sexuality and Sexual Behavior****TRANSFERABLE TO CSU AND UC****C-ID: PSY 130****54 LECTURE HOURS**

This course is an introductory overview of the field of human sexuality. Human sexuality will be examined from psychological, biological, sociocultural, and historical perspectives. Students will be encouraged to become aware of their own sexual attitudes, values, and behaviors and to explore the attitudes, values and behaviors of others including traditionally non-represented cultures and groups. Current sex norms and various aspects of interpersonal and individual sexual adjustment will be explored.

PSYCH-22**3 UNITS****Social Psychology****TRANSFERABLE TO CSU AND UC****C-ID: PSY 170****54 LECTURE HOURS**

This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include: aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition.

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PSYCH-33**3 UNITS****Personal and Social Adjustment****TRANSFERABLE TO CSU AND UC****C-ID: PSY 115****54 LECTURE HOURS**

This course is designed with an applied focus for students interested in how psychology is used in everyday life and is related to other social sciences. The course surveys different psychological perspectives and theoretical foundations and how these are applied across a person's life taking into account the influence of factors such as culture, gender, ethnicity, historical cohort, and socio-economic status. A broad understanding of how scientists, clinicians, and practitioners study and apply psychology is emphasized.

PSYCH-41**3 UNITS****Lifespan Development****TRANSFERABLE TO CSU AND UC****C-ID: PSY 180****54 LECTURE HOURS**

Introduction to the scientific study of human development from conception to death. Examines the interplay of the biological, psychological, social, and cultural influences on the developing human being.

PSYCH-46**3 UNITS****Introduction to Abnormal Psychology****TRANSFERABLE TO CSU AND UC****C-ID: PSY 120****54 LECTURE HOURS**

This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, and intervention and prevention strategies for psychological disorders are also introduced.

Minimum Criteria for Admissions:

1. High School graduate or equivalent.
2. 18 years of age or older.
3. Successful completion of the following with a grade of "C" or higher:
 - BIOL 4 Human Anatomy
 - BIOL 5 Human Physiology
 - One Math or Statistics course with an Intermediate Algebra or higher prerequisite (meets local GE Area 2- Mathematical Concepts and Quantitative Reasoning)
 - ENGL C1000 Academic Reading and Writing (formerly ENGL 1A College Composition and Reading) or ENGL C1000E Academic Reading and Writing (formerly ENGL 1E English Composition and Reading Extended Instruction) or ESL 1A College Composition and REading for Nonnative English Speakers (Meets local GE Area 1A- English Composition)
 - COMM C1000 Introduction to Public Speaking (formerly SPECH 1 Public Speaking), SPECH 6 Small Group Communication and SPECH 7 Interpersonal Communication, (Meets local GE Area 1B-Oral Communication and Critical Thinking)
 - One course from local GE Area 3-Arts and Humanities
 - One course from the local GE Area 5-Natural Sciences
 - One course from local GE Area 4-Social and Behavioral Sciences
 - One course from the local GE Area 6-Ethnic Studies

NOTE: Courses may be transferred from another accredited college or university but must be equivalent to those listed above.

NOTE: All Yuba College General Education Requirements must be completed to apply to the program beginning Spring 2026.

NOTE: All immunizations must be completed with documentation of immunity (or non-conversion status) prior to the start of the program.

Please visit the Yuba College Radiologic Technology website for application and additional information: <https://yc.yccd.edu/radtech/>

Students who complete this program should be able to:

1. Demonstrate critical thinking and problem solving skills.
2. Demonstrate the clinical competency of an entry level Radiologic Technologist.
3. Demonstrate appropriate workplace and patient communication skills.
4. Model professionalism and ethics.

Radiologic Technology

RADIOLOGIC TECHNOLOGY

ASSOCIATE IN SCIENCE

Upon successful completion of this program, the student will receive an Associate of Science Degree and will be eligible to take the American Registry of Radiologic Technologist (ARRT) examination. Upon successful completion of the ARRT examination, the graduate will then be a Registered Technologist in Radiography (RTR) and eligible to apply to be a Certified Radiologic Technologist (CRT) to work in the state of California.

The program is accredited by the State of California Department of Public Health, Radiologic Health Branch, and the Joint Review Committee on Education in Radiologic Technology.

Enrollment is limited. Students should be aware that this is a high-unit program requiring a minimum of 71 units.

REQUIRED COURSES**UNITS****First Summer Session**

RADT 55	Introduction to Radiologic Sciences	1
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First Fall Semester

RADT 1	Fund of Radiologic Science & Health Care	5
RADT 2	Radiation Physics and Equipment	4
RADT 3A	Radiographic Procedures 1	3
RADT 6A	Radiologic Technology Internship 1	5

First Spring Semester

RADT 3B	Radiographic Procedures 2	3
RADT 4	Prin of Radiation: Biology-Protection	2
RADT 5	Principles Radiation Exposure and Equipment	4
RADT 6B	Radiologic Technology Internship 2	5

Second Summer Semester

RADT 6C	Radiologic Technology Internship 3	7
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Second Fall Semester

RADT 3C	Radiographic Procedures 3	4
RADT 6D	Radiologic Technology Internship 4	8
RADT 7	Radiology Ethics and Law	2
RADT 8	Radiographic Pathology.....	2

Second Spring Semester

RADT 3D	Radiographic Procedures 4	3
RADT 6E	Radiologic Technology Internship 5	8.5
RADT 9	Advanced Modalities.....	3
RADT 12	Radiologic Technology Board Review.....	2.5

TOTAL UNITS REQUIRED FOR DEGREE MAJOR	72
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Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements, and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Radiologic Technology majors are waived the health graduation requirement. Please see your counselor for additional information.

COURSES

RADT-1	5 UNITS
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Fund of Radiologic Science & Health Care

TRANSFERABLE TO CSU
92 LECTURE HOURS

Introduction to the field of Radiologic Technology. Basic imaging principles, patient diversity and care, the clinical environment, patient vital signs, and communication.

Entrance Requirement(s): Acceptance into the Radiologic Technology Program.

RADT-2	4 UNITS
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Radiation Physics and Equipment

TRANSFERABLE TO CSU
72 LECTURE HOURS

Introduction to radiation physics; fundamentals of x-ray equipment; x-ray production and x-ray beam characteristics

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-3A	3 UNITS
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Radiographic Procedures 1

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. Skills necessary for image critique. Areas studied: thorax, abdomen, pelvis and upper and lower extremities.

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-3B	3 UNITS
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Radiographic Procedures 2

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

Knowledge and skills necessary to perform standard radiographic procedures that are of optimal diagnostic quality. Skills necessary for image critique. Areas studied: spine, skull, facial bones. Trauma exams. Pediatric exams. Use of portable machine and radiography in the operating room.

Prerequisite(s): RADT-3A

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-3C	4 UNITS
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Radiographic Procedures 3

TRANSFERABLE TO CSU
74 LECTURE HOURS

Study of fluoroscopy, contrast studies, pharmacology as it relates to the imaging sciences, and completion of venipuncture certification.

Prerequisite(s): RADT-3B

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-3D	3 UNITS
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Radiographic Procedures 4
TRANSFERABLE TO CSU
54 LECTURE HOURS

Critical thinking skills, professionalism, and analysis of images needed to obtain the best radiographic image in various situations.

Prerequisite(s): RADT-3C

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-4	3 UNITS
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Prin of Radiation: Biology-Protection

TRANSFERABLE TO CSU
54 LECTURE HOURS

Principles of radiation protection, including the responsibilities of the radiographer for patients, personnel and the public. Radiation health and safety requirements of federal and state regulatory agencies, accreditation agencies and health care organizations.

Prerequisite(s): RADT-1

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-5	4 UNITS
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Principles Radiation Exposure and Equipment

TRANSFERABLE TO CSU
72 LECTURE HOURS

This course provides a comprehensive study of the principles that govern the creation and quality of the radiographic image. Emphasis is placed on the factors influencing image production—including exposure variables, beam interactions, and image processing parameters. Topics include digital radiography systems, detector performance, and image post-processing. Students will explore Picture Archiving and Communication Systems (PACS), Digital Imaging and Communications in Medicine (DICOM), and Health Level Seven (HL7) standards as they relate to image storage, transmission, and integration within healthcare information systems. The course also introduces current concepts in image evaluation, quality assurance, and the impact of digital technology on radiation dose optimization.

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-6A	5 UNITS
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Radiologic Technology Internship 1

TRANSFERABLE TO CSU
280 LAB HOURS

This course provides students with an introductory, hands-on radiologic experience within affiliated clinical facilities under the direct supervision of college faculty, registered radiologic technologists, and designated clinical instructors. Students begin developing foundational competencies in patient care, image production, radiation safety, and professional communication while applying classroom theory to real-

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world clinical environments.

Through rotations at a variety of healthcare settings within approximately 125 miles of Yuba College—including hospitals, outpatient imaging centers, and specialty clinics—students gain exposure to diverse patient populations, equipment types, and imaging procedures. Emphasis is placed on building confidence in positioning, procedural workflow, and ethical practice consistent with current radiologic standards and JRCERT expectations. Grades are P/NP Only.

Entrance Requirement(s): Acceptance into the Radiologic Technology Program.

RADT-6B**5 UNITS****Radiologic Technology Internship 2**

TRANSFERABLE TO CSU
280 LAB HOURS

This course provides students with an introductory, hands-on radiologic experience within affiliated clinical facilities under the direct supervision of college faculty, registered radiologic technologists, and designated clinical instructors. Students begin developing foundational competencies in patient care, image production, radiation safety, and professional communication while applying classroom theory to real-world clinical environments.

Through rotations at a variety of healthcare settings within approximately 125 miles of Yuba College—including hospitals, outpatient imaging centers, and specialty clinics—students gain exposure to diverse patient populations, equipment types, and imaging procedures. Emphasis is placed on building confidence in positioning, procedural workflow, and ethical practice consistent with current radiologic standards and JRCERT expectations. Grades are P/NP Only.

Prerequisite(s): RADT-6A

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-6C**7 UNITS****Radiologic Technology Internship 3**

TRANSFERABLE TO CSU
390 LAB HOURS

Intermediate radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructor. Increased development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP Only.

Prerequisite(s): RADT-6B

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-6D**8 UNITS****Radiologic Technology Internship 4**

TRANSFERABLE TO CSU
436 LAB HOURS

Advanced radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and radiologists. Development of enhanced skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP Only.

Prerequisite(s): RADT-6C

Entrance Requirement(s): Acceptance into the Radiologic Technology Program.

RADT-6E**8.5 UNITS****Radiologic Technology Internship 5**

TRANSFERABLE TO CSU
464 LAB HOURS

Advanced radiologic experience in clinical facilities under supervision by college instructor, staff technologists and clinical instructors. Increased development of skills in correlation with current radiologic practices. Rotation in various medical facilities. Grades are P/NP Only.

Prerequisite(s): RADT-6D

Entrance Requirement(s): Acceptance into the Radiologic Technology Program.

RADT-7**2 UNITS****Radiology Ethics and Law**

TRANSFERABLE TO CSU
36 LECTURE HOURS

This course offers a comprehensive study of ethics, law, and professionalism within the radiologic sciences. Students will engage in critical analysis of legal principles, ethical theories, and professional standards that guide medical imaging and patient care. Special emphasis is placed on the ethical and legal obligations outlined in the American Registry of Radiologic Technologists (ARRT) Standards of Ethics, preparing students for responsible and professional practice in the healthcare environment.

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-8**2 UNITS****Radiographic Pathology**

TRANSFERABLE TO CSU
36 LECTURE HOURS

Injuries and abnormalities most frequently encountered in Radiologic Technology. Key anatomy and physiology principles, imaging considerations for each disease, and its radiographic appearance, signs and symptoms, and treatment.

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-9**3 UNITS****Advanced Modalities**

TRANSFERABLE TO CSU
54 LECTURE HOURS

This course examines the principles of computed tomography, including system components, data acquisition, cross-sectional anatomy, image reconstruction, and radiation safety. Advanced imaging modalities are introduced to expand student understanding of specialized diagnostic procedures and emerging technologies in radiologic science. Emphasis is placed on image analysis, patient-centered care, professional standards, and clinical decision-making to prepare students for advanced practice and certification examinations.

Entrance Requirement(s): Acceptance in Radiologic Technology Program.

RADT-12**2.5 UNITS****Radiologic Technology Board Review**

TRANSFERABLE TO CSU
47 LECTURE HOURS

Intensive review for the testing of the four (4) content areas tested by State of California Radiation Health Branch and the American Registry of Radiologic Technology: patient care, safety, image production, and procedures. Grades are P/NP Only.

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-55

1 UNIT

Introduction to Radiologic Sciences

18 LECTURE HOURS

In this course you will learn the foundational principles and practices within the field of radiology, as well as the expectations of the program. You will explore the history of radiology, basic imaging techniques, safety protocols, ethical considerations, and a review of core skills, such as reading and grammar, to help you prepare for entry-level health field exams such as HESI and set the stage for deeper engagement within the Radiologic Technology program. Grades are P/NP Option.

Entrance Requirement(s): Acceptance into the Radiologic Technology Program.

Sign Language

COURSES

SIGN-1

4 UNITS

American Sign Language 1

TRANSFERABLE TO CSU AND UC
72 LECTURE HOURS

This is the first course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community, including basic vocabulary, syntax, numbers, fingerspelling, and grammatical non-manual markers. The instructional activities are based on an immersion approach, in which the students develop language competency in source and target language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in Deaf community events. Instructional materials will be in English.

Advisory: Students are strongly recommended to co-enroll in ASL-61 (Fingerspelling and Numbers 1).

SIGN-2

4 UNITS

American Sign Language 2

TRANSFERABLE TO CSU AND UC
72 LECTURE HOURS

This is the second course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community, including basic vocabulary, syntax, numbers, fingerspelling, and grammatical non-manual markers. The instructional activities are based on an immersion approach, in which the students develop language competency in source and target language, cultural knowledge, and an increased understanding of the Deaf community. Students are expected to participate in Deaf community events and read instructions in English. (C)

Prerequisite(s): SIGN-1

Advisory: It is recommended that students co-enroll in ASL-61 (Fingerspelling and Numbers 1) If they have not already taken it.

Social Science

SOCIAL SCIENCE

ASSOCIATE IN ARTS

Students who complete this program should be able to:

1. Identify major theoretical orientations in the social and behavioral sciences.
2. Describe and apply basic concepts regarding human behavior, society, and culture.
3. Utilize the principles of social scientific methods to generate and evaluate hypotheses about human behavior and culture.
4. Appreciate the diversity of human behaviors and cultures across time and space, as well as the more universal aspects of human experience.

REQUIRED COURSES

UNITS

ANTHR 1	Physical Anthropology OR	3
ANTHR 2	Cultural Anthropology	3
ECON 1A	Elementary Economics-Macro	3
GEOG 1	Physical Geography OR	3
GEOG 2	Cultural Geography.....	3
POLSC 1	Introduction to Political Science	3
PSYCH 1A	General Psychology OR	3
SOCIL 1	Introduction to Sociology	3
Any History Class.....		3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

Sociology

SOCIOLOGY

ASSOCIATE IN ARTS FOR TRANSFER

This degree is designed for students who wish to transfer to a California State University to complete a bachelor's degree in Sociology or related field. Students who major in sociology will study society, its groups, institutions and processes, as well as understanding and predicting human behavior.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units

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- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Explain how social life exists at a community level as well as a regional, national, and global one, and have at least one experience working (i.e., researching or analyzing, or helping to solve) a social problem in the community
2. Differentiate social structure, culture, and governance in the U.S. from those of other comparable societies
3. Enumerate the relative strengths and weaknesses of the methods - qualitative and quantitative - that social scientists use to collect and analyze data
4. Analyze the role of social forces in shaping the individual
5. Identify how ideas about what is "real" and "true" are constructed in a social context and shaped by those who have power and influence.

REQUIRED COURSES	UNITS
SOCIL 1 Introduction to Sociology.....	3
SOCIL 2 Social Problems	3
STAT C1000 Introduction to Statistics OR	4
PSYCH 6 Introduction to Statistics in Social and Behavioral Science	4

List A: Select two courses from the following:

PSYCH 7 Research Methods in Psychology.....	3
PSYCH 22 Social Psychology	3
SOCIL 5 Sociology of Race and Ethnicity	3
SOCIL 6 Sociology of Sex and Gender	3
SOCIL 10 Sociology of Marriage and Family.....	3

List B: Select one course from the following:

Any course from above not already used.....	3
ANTHR 2 Cultural Anthropology.....	3
ECON C2002 Principles of Microeconomics	3
ECON C2001 Principles of Macroeconomics.....	3
POLS C1000 American Government and Politics	3
PSYC C1000 Introduction to Psychology	3
PSYCH 41 Lifespan Development.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 19

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with a "C" or better or "P" (pass) grades, and achieve a minimum transferable GPA of 2.0.

COURSES

SOCIL-1 3 UNITS

Introduction to Sociology

TRANSFERABLE TO CSU AND UC
C-ID: SOCI 110
54 LECTURE HOURS

Basic principles and concepts of sociology including culture, socialization, organizations, institutions, stratification, collective behavior, and social change. (L, C) Grades are P/NP Option.

SOCIL-2 3 UNITS

Social Problems

TRANSFERABLE TO CSU AND UC
C-ID: SOCI 115
54 LECTURE HOURS

Survey of social problems in present-day American culture and application of sociological theory and analysis to issues such as poverty, racism, crime, healthcare, education, and the environment. (L)

SOCIL-5 3 UNITS

Sociology of Race and Ethnicity

TRANSFERABLE TO CSU AND UC
C-ID: SOCI 150
54 LECTURE HOURS

Examines the social, economic, political, and cultural dynamics of race and ethnicity in the United States. Utilizes theory to assess the comparative histories, cultures, and intellectual traditions of Native Americans, African Americans, Latino/as, and Asian Americans. Introduces major concepts used to understand the lived experiences of historically racialized groups such as social construction of race, racial formation, critical race theory, internal colonialism, and intersectionality. Emphasizes the role of resistance and agency in advancing the goals of self-determination, decolonization, and equity. Grades are P/NP Option.

SOCIL-6 3 UNITS

Sociology of Sex and Gender

TRANSFERABLE TO CSU AND UC
C-ID: SOCI 140
54 LECTURE HOURS

Sociological analysis of the construction, reproduction, and consequences of sex categories and gender roles. Emphasis on how gender designation of "male" and "female" impacts an individual's life, including violence and abuse, sexual harassment, hate crimes, wage differentials and unequal opportunities. (L)

SOCIL-10 3 UNITS

Sociology of Marriage and Family

TRANSFERABLE TO CSU AND UC
C-ID: SOCI 130
54 LECTURE HOURS

Sociological analysis of marriage and family, including history, cross-cultural comparison, gender roles, sexuality, parenthood, and contemporary debates about family values, form, and function. (L)

Spanish

COURSES

SPAN-1 4 UNITS

Elementary Spanish Part 1

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
72 LECTURE HOURS

This course introduces the language and culture of the Spanish-speaking world. It includes the development of listening, speaking, reading, and writing in Spanish, emphasizing communicative skills and the fundamentals of Spanish grammar, which includes present indicative conjugations, regular and irregular, noun-adjective agreement in gender and number, and adverbs. In addition, it explores a variety of cultural elements throughout the Spanish-speaking world. This course is equivalent to one year of high school Spanish. Grades are P/NP Option.

SPAN-2 4 UNITS

Elementary Spanish Part 2

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
72 LECTURE HOURS

A continuation of Spanish 1. Provides further basic communication

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skills through listening, speaking, reading, and writing. This course introduces the present perfect, the conditional, the future and the subjective verb cases. It includes practice at the intermediate level and review of the fundamentals of Spanish Grammar. (L)

Prerequisite(s): SPAN-1 or one year of high school Spanish or Placement exam: Students must score 70% or higher on a placement test administered by the Spanish Department.

SPAN-20A**4 UNITS****Spanish for Heritage Students**

**TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
72 LECTURE HOURS**

Speaking, reading and writing in Spanish, targeted to heritage students with oral fluency. Readings pertinent to the culture, history and literature of Hispanics in the United States, Latin America and Spain. Compositions exploring personal, political, and cultural issues, as well as analysis of Spanish and Latin American literary pieces. Exploration of grammatical concepts and accentuation and spelling rules. Class is conducted entirely in Spanish. Periodic exams and compositions. (L)

Entrance Requirement(s): Oral fluency in Spanish. In order to succeed in this course, students must possess oral fluency in Spanish and the ability to understand readings and writing in Spanish or by placement.

SPAN-20B**4 UNITS****Spanish for Heritage Students**

**TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
72 LECTURE HOURS**

This course, which is conducted entirely in Spanish, is the second of a two-semester sequence designed for fluent speakers of Spanish who are proficient in the language, but who have had little or no formal language training. The course involves an extensive review of Spanish grammar and punctuation through a variety of literary works of Spanish and Latin American authors in United States and Spanish countries. It also explores the culture, the art and music of the Spanish work. (L, C)

Prerequisite(s): SPAN-20A or Oral fluency in Spanish and the ability to understand reading and writing in Spanish as assessed by Dept faculty.

Speech

COMMUNICATION STUDIES 2.0

ASSOCIATE IN ARTS FOR TRANSFER

The Speech Communication Studies program at Yuba College is designed to nurture an understanding of crucial roles of communication in human relationships, cultures, society, and civic affairs. The Associate in Arts in Communication Studies for Transfer 2.0 degree provides a curriculum emphasizing the theory and practice of interpersonal, small group, public, and professional contexts of communication. The Associate in Arts in Communication Studies for Transfer 2.0 degree provides students with the opportunity to complete their freshman/sophomore level classes needed for a Bachelor's degree in Communication Studies within the California State University System.

Upon completion of the Associate in Arts in Communication for Transfer 2.0 degree, students will be prepared to complete a baccalaureate degree provide the student various employment opportunities related to business and business management, government, not-for-profit, human resources, education, marketing, and manufacturing.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Demonstrate the communication skills necessary to engage in personal, professional, civic and social relationships.
2. Create messages appropriate to the audience, purpose, and context.
3. Influence public discourse.
4. Describe the communication discipline and its central questions.
5. Employ communication theories, perspectives, principles, and concepts.
6. Critically analyze messages.

REQUIRED COURSES**UNITS**

COMM C1000	Introduction to Public Speaking	3
SPECH 7	Interpersonal Communication	3

List A: Complete nine (9) units from:

SPECH 2	Oral Interpretation of Literature	3
SPECH 3	Argumentation and Critical Thinking	3
SPECH 4R	Speech Arts Workshop	3
SPECH 6	Small Group Communication	3
SPECH 8	Intercultural Communication	3

List B: Complete three (3) units from:

Any course from List A above not already used.....	3
ANTHR 2 Cultural Anthropology.....	3
PSYC C1000 Introduction to Psychology.....	3
SOCIL 1 Introduction to Sociology.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR**18**

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

COMMUNICATION STUDIES

ASSOCIATE IN SCIENCE

Students who complete this program should be able to:

1. Demonstrate the communication skills necessary to engage in personal, professional, civic and social relationships.
2. Demonstrate and apply critical thinking skills in a variety of communication studies contexts.

REQUIRED COURSES**UNITS**

COMM C1000	Introduction to Public Speaking	3
FTVE 2	Introduction to Electronic Media	3
SPECH 2	Oral Interpretation of Literature	3

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SPECH 6	Group Communication	3
SPECH 7	Interpersonal Communication	3
Complete two courses from the following:		
FTVE 4	Beginning TV Studio Production	3
PHIL 12	Critical Thinking	3
PSYC C1000	Introduction to Psychology	3
SPECH 4R	Speech Arts Workshop.....	3
SPECH 8	Intercultural Communication.....	3
THART 11A	Introduction to Acting I	3
TOTAL UNITS REQUIRED FOR DEGREE MAJOR		21

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COMMUNICATION STUDIES

COURSES

COMM-C1000 (formerly SPECH-1)	3 UNITS
Introduction to Public Speaking	
TRANSFERABLE TO CSU AND UC	
C-ID: COMM 110	
54 LECTURE HOURS	

In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches. Students learn to read, listen, speak, and write effectively for various public speaking objectives. Formal class presentations are required in front of a live audience of faculty and students.

SPEECH

COURSES

SPECH-2	3 UNITS
Oral Interpretation of Literature	
TRANSFERABLE TO CSU AND UC	
C-ID: COMM 170	
54 LECTURE HOURS	

Introduction to the analysis and interpretation of classic and modern literature for oral performance. Includes introduction to performance studies; analysis, appreciation, and application of theories of interpretive performance of various forms of literature including poetry, prose, and drama (plays, scripts, and screenplays). (L)

SPECH-3	3 UNITS
Argumentation and Critical Thinking	
TRANSFERABLE TO CSU AND UC	
C-ID: COMM 120	
54 LECTURE HOURS	

This course provides students with the foundational knowledge and practice of public speaking in a democratic society, to enable them to successfully communicate ideas of a persuasive nature in the public speaking mode, and to critically evaluate the speeches of others. Aristotelian rhetorical principles and Canon's of rhetoric will be studied and applied to analyze historical and public discourse. Students will be required to research primary and secondary resources. Faculty

evaluated, formal and ethical written/oral arguments with sensitivity to diverse audiences will be delivered to a live audience.

SPECH-4R	3 UNITS
Speech Arts Workshop	
TRANSFERABLE TO CSU	
162 LAB HOURS	
REPEATABLE THREE TIMES ONLY	

Supervised preparation for participation in Inter-Collegiate Speech and Oral Interpretation events and/or for presentations at local schools.

SPECH-6	3 UNITS
Small Group Communication	
TRANSFERABLE TO CSU AND UC	
C-ID: COMM 140	
54 LECTURE HOURS	

Study of communication theory and principles in a variety of small group contexts. Investigation of the role of communication in various group processes, problem solving, leadership, team building, effective decision making and conflict management. Rhetorical principles including reasoning and advocacy, credible evidence, reporting of information, argumentation and critical thinking for formal oral presentations. Emphasis placed on researching, organizing, and delivering formal oral informative and persuasive presentations to the professor and classmates.

SPECH-7	3 UNITS
Interpersonal Communication	
TRANSFERABLE TO CSU AND UC	
C-ID: COMM 130	
54 LECTURE HOURS	

Introduction to theories and principles of interpersonal communication including verbal and nonverbal communication in various diverse contexts in both personal and professional interactions. Focus on theoretical and practical principles which facilitate or block effective private discourse including language, perception, culture, communication styles, conflict resolution, and communication climate. Students will apply Aristotelian proofs of rhetorical perspectives in researching, reasoning, organizing, and reporting accurate information pertaining to interpersonal communication theories and applications to prepare their presentations. Faculty evaluated, formal informative and persuasive class presentations are required in front of a live audience of faculty and students. Students should demonstrate rhetorical sensitivity to diversity, equity, inclusion, belonging, and accessibility.

SPECH-8	3 UNITS
Intercultural Communication	
TRANSFERABLE TO CSU AND UC	
C-ID: COMM 150	
54 LECTURE HOURS	

The study of intercultural communication theory relates to perception, context, language, verbal and nonverbal messages and adaptation. Emphasis will be placed on developing effective intercultural communication skills. Students will demonstrate effective intercultural communications skills by oral presentations, group/interpersonal interactions. (L)

Statistics

COURSES

STAT-C1000 (formerly STAT-1)

4 UNITS

Introduction To Statistics

TRANSFERABLE TO CSU AND UC

C- ID: MATH 100; SOCI 125

63 LECTURE HOURS

27 LAB HOURS

This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. Grades are P/NP Option.

Prerequisite(s): Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

STAT-100

2 UNITS

Algebra Support for Elementary Statistics

36 LECTURE HOURS

A review of prerequisite skills, competencies, and concepts needed in statistics. Intended for students who are concurrently enrolled in STAT 1 Introduction to Statistical Methods, at Yuba College. Topics include concepts from elementary and intermediate algebra that are needed to understand the basics of college-level statistics. Concepts are taught in the context of statistical analysis. Grades are P/NP Only.

Co-requisite: STAT-1

of a variety of plays and musicals.

Students who complete an Associate Degree for Transfer (AA-T or AS-T) will receive guaranteed admission with junior status to the California State University System and priority admission consideration to a major that is deemed similar to their community college transfer degree major. This priority does not guarantee admission to specific majors or campuses. Students transferring to a CSU campus that accepts the transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree in the same major. Students should consult a counselor for more information on specific university admission and transfer requirements.

The following are required for all AA-T or AS-T degrees:

- Completion of 60 CSU transferable semester units
- Obtainment of a minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework
- Completion, with a grade of "C" or better OR "P" (Pass), of each course used to satisfy major requirements AND the California General Education Transfer Curriculum (Cal-GETC) requirements.

Students who complete this program should be able to:

1. Demonstrate the ability to work as an ensemble member of a theatre company by meeting expectations, following safe production practices, and respecting the opinions, feelings, and values of others.
2. Identify similarities and differences among cultures, times, and environments expressed through dramatic texts, films, and live performances.
3. Analyze and evaluate dramatic texts and performances in terms of their technical skills, artistic objectives, and their historical and cultural significance.
4. Effectively use language, communicate their ideas, and creatively express themselves through the application of theatrical skills.
5. Select appropriate acting techniques and apply technical skills, imagination, and script analysis toward the creation of a live or recorded performance.
6. Identify theatrical challenges, production needs, and potential problems; research, formulate, and construct creative solutions; and execute an achievable plan using appropriate tools, theories, and techniques.

Theatre Arts

Classes with "R" can be taken a total of four times but are subject to Family of Classes restrictions on page 173.

THEATRE ARTS

ASSOCIATE IN ARTS FOR TRANSFER

The Theatre Arts Department provides a safe and inclusive environment for students to explore performance, and prepare them to succeed in their academic, career, and lifelong learning goals. Course offerings include introductory classes in theatre and film, which satisfy general education and transfer requirements, as well as courses in acting and stagecraft. Students can start with no previous training or experience and progress to advanced classes to prepare them for transfer and an opportunity to earn an AA transfer degree in Theatre. Courses are integrated around the central ideas of collaboration, individual responsibility, student-centered learning, open and respectful dialogue, and practical application of theory and skills. Work in acting technique, design, costuming, makeup, lighting, technical production, and other crafts are taught in theory and practice resulting in public performances

REQUIRED COURSES

UNITS

Complete nine units from the following:

THART 10	Introduction to Theatre	3
THART 11A	Introduction to Acting I	3
THART 29R	College Theatre OR	1-3
THART 30	Technical Theatre in Production	3

List A: Complete nine units from the following:

THART 11B	Introduction to Acting II	3
THART 45A	Stagecraft 1	3
THART 45B	Production and Technical Theatre I	1-3
THART 45C	Production and Technical Theatre II	3
THART 30	Technical Theatre in Production OR (if not used above)	3
THART 29R	College Theatre (if not used above)	1-3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR

18

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the Cal-GETC, all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

THEATRE ARTS

ASSOCIATE IN ARTS

Students who complete this program should be able to:

1. Effectively use language, written and oral, and non-verbal communication in performances, critiques, and technical collaboration to facilitate theatre productions and group projects.
2. Apply research to the creative and professional process.
3. Demonstrate understanding and application of skills related to theater arts in the following areas: performance, scenography, theatre production, and theatre studies
4. Demonstrate the ability to work as an ensemble member of a theatre company by meeting professional expectations, following safe production practices, and being respectful of the opinions, feelings, and values of others.
5. Analyze global issues, moral dilemmas, cultural competencies, and social systems as encountered through work in Theatre Arts.
6. Analyze scripts and other production materials while addressing and evaluating problems and issues in making creative choices.

REQUIRED COURSES	UNITS
THART 10 Introduction to Theatre.....	3
THART 11A Introduction to Acting I.....	3
THART 29 College Theatre	3
THART 12A Advanced Studies in Acting.....	3

Complete 6 units from the following:

ENGL 2 Literary Fieldtrip	1-3
MCOMM 2 Introduction to Electronic Media	3
MCOMM 4 Beginning TV Studio Production	3
SPECH 1 Public Speaking	3
SPECH 4R Speech Arts Workshop.....	3
THART 11B Introduction to Acting II.....	3
THART 12B Intermediate Studies in Acting II.....	3
THART 29R College Theatre	1-3
THART 34 Introduction to Film	3
THART 45A Stagecraft 1.....	3
THART 45B Production and Technical Theatre I.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

COURSES

THART-10 3 UNITS

Introduction To Theatre

TRANSFERABLE TO CSU AND UC
C-ID: THTR 111
54 LECTURE HOURS

Explore theatre through a comprehensive introduction to its core elements: performers, theatrical space, and audience. Learn about the development of acting, playwriting, directing, production management, design, and the role of the producer. Through readings, discussions, creative exercises, videos, and live theatre experiences, students will explore diverse eras, styles, genres, cultures, and theatre practices. Recognize theatre's collaborative essence, connection to film and the arts, and profound capacity to illuminate the human experience. Grades are P/NP Option.

THART-11A 3 UNITS

Introduction To Acting I

TRANSFERABLE TO CSU AND UC
C-ID: THTR 151
45 LECTURE HOURS
27 LAB HOURS

Ever dreamed of being in the spotlight? This introductory course is your backstage pass to the world of acting! Learn essential skills for better memorization, movement, vocal freedom, and character development. Explore the building blocks of bringing a story to life through acting, starting with an understanding of imagination, textual interpretation, learning to trust your intuition, responding spontaneously, and developing a free imagination. Learn collaboration and how to create theatre as an ensemble. Discover the power of improvisation and play to bring characters to life in scenes and monologues. At the conclusion of this course, students will be ready to take the next step and continue an acting journey through more advanced classes and daily life on the world's stage. Grades are P/NP Option.

THART-11B 3 UNITS

Introduction To Acting II

TRANSFERABLE TO CSU AND UC
C-ID: THTR 152
45 LECTURE HOURS
27 LAB HOURS

This course continues Introduction to Acting I (THART 11A), further developing the students' understanding of theories and techniques used in the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, scenes, pantomime, stage movement, imagination, improvisation, and verse study. Increased emphasis is also placed on acting in more complex scenes and plays. Students will engage in in-depth scenic analysis of classical plays. Grades are P/NP Option.

Prerequisite(s): THART-11A

THART-12A 3 UNITS

Intermediate Studies in Acting I

TRANSFERABLE TO CSU AND UC
C-ID: THTR 152
45 LECTURE HOURS
27 LAB HOURS

This course covers the application of intermediate acting theories and techniques. It includes analyzing and performing scripts from realistic and stylized drama, audition monologues, scenes, and complex acting exercises. Intermediate development of acting skills including improvisation, craft, vocal production, interpretation, auditioning, stage movement, and character analysis. Participation in an acting showcase, one-act play, or full-length play at end of semester is required. Field trips and/or attendance of live performances may be required. Grades are P/NP Option.

Prerequisite(s): THART-11A or THART-26R or THART-29R or audition based prerequisite challenge is allowed. Students who have the skills and experience through previous stage performance may audition/interview with the instructor for admission into the course.

THART-12B 3 UNITS

Intermediate Studies in Acting II

TRANSFERABLE TO CSU AND UC
45 LECTURE HOURS
27 LAB HOURS

THART-12B furthers mastery of intermediate acting theories and techniques. Students will analyze and perform realistic, stylized and classical texts as well as devised theatre. Students will prepare a capstone audition portfolio to prepare them for auditions. Students will work on more complex scenes and further refine their skills through higher level acting exercises. The course covers intermediate methods, improvisation, craft, vocal production,

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interpretation, auditioning, stage movement and character analysis. Participation in an actor showcase, one-act, showreel, or full-length play at the end of the semester is required. Field trips and/or attendance of live performances may be required. Grades are P/NP Option.

Prerequisite(s): THART-12A

THART-26R

3 UNITS

Musical Theatre Workshop

TRANSFERABLE TO CSU AND UC
162 LAB HOURS

Fundamentals of musical theatre performance; singing, acting, dancing, orchestra, and technical stagework. Students may specialize in area of interest. Works to be selected from various periods and styles. Participation in Yuba College production is required. Grades are P/NP Option.

Entrance Requirement(s): Audition: THART-26R/MUSIC-26R is an intensive course designed to prepare Music and Theatre Arts majors for careers in acting, musical performance, and/or performance production. In order to be fully successful in this course, students should already possess some knowledge of theatre performance and production.

Limitations on Enrollment: Not open for credit to students with credit in MUSIC-26R.

THART-29R

1-3 UNITS

College Theatre

TRANSFERABLE TO CSU AND UC
C-ID: THTR 191
54 LAB HOURS (1 UNIT)
108 LAB HOURS (2 UNITS)
162 LAB HOURS (3 UNITS)

Discover the world of theatrical performance. Students will learn through applied techniques and hands-on experience in rehearsals. Together, we'll bring a production to life, exploring plays from different periods, cultures, and styles. Activities in acting, movement, voice, design, directing, and stage management promote holistic well-being, stimulating physical, mental, social, and emotional growth. This is an intensive course, ideal for Theatre Arts majors looking to build a career in theatre, but is also welcoming to new performers and non-majors as well. Acceptance to this course is by audition or interview. Grades are P/NP Option.

Entrance Requirement(s): Audition required. THART-29R is an intensive course designed to prepare Theatre Arts majors for careers in acting and/or performance production. In order to be fully successful in this course, students should already possess some knowledge of theatre performance and production.

THART-30

3 UNITS

Technical Theatre in Production

TRANSFERABLE TO CSU
C-ID: THTR 192
162 LAB HOURS

Practical experience in the application of production responsibilities in the following: stage management, construction, scenery, properties, lighting, sound, and running crews. Grades are P/NP Option.

Entrance Requirement(s): Audition/Interview required.

THART-33

3 UNITS

History of Film

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Survey of the motion picture history; traces the development of the art, technology, and social importance of film during the last 125 years; screenings of significant and representative documentary and

experimental films from the silent to the modern era. Grades are P/NP Option.

THART-34

3 UNITS

Introduction to Film

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Study of film as art and its influence on society, including interpretation, criticism, and technical developments; students view and discuss full-length feature films. (L)

Limitations on Enrollment: Course not open for credit to students with credit in HUMAN-34 or ENGL-34.

THART-45A

3 UNITS

Stagecraft

TRANSFERABLE TO CSU AND UC
C-ID: THTR 171
36 LECTURE HOURS
54 LAB HOURS

An introduction to technical theatre and the creation of scenic elements. Includes basic concepts of painting techniques, set construction, set movement, prop construction, backstage organization, and career possibilities. May include stage management, lighting, and/or sound techniques. Lecture, reading, projects, and practical experience. Integrated with Yuba College theatre productions.

Advisory: Students should be able to climb a ladder and lift a minimum of 30 pounds.

THART-45B

3 UNITS

Introduction to Theatre Design

TRANSFERABLE TO CSU AND UC
C-ID: THTR 172
36 LECTURE HOURS
54 LAB HOURS

Students will be offered a survey of scenery, lighting, sound, costumes, properties, theatrical equipment and construction techniques through demonstration and laboratory experience. Information is applicable to all formal theatrical applications. Grades are P/NP Option.

THART-45C

3 UNITS

Introduction to Stage Lighting

TRANSFERABLE TO CSU
C-ID: THTR 173
36 LECTURE HOURS
54 LAB HOURS

This course involves the study and execution of stagecraft with a focus on stage lighting and emphasis on equipment, control, color and their relationship to design. Grades are P/NP Option.

THART-526

0 UNITS

Musical Theater Workshop

162 LAB HOURS

This course is designed to enrich the artistic expression and life quality of older adults through musical theatre. This course provides an opportunity for personal growth and development, group interaction, mental stimulation and physical activity through supervised participation in a college musical theatre production. Physical, mental, social and emotional well-being are stimulated through a variety of creative and expressive musical theatre activities related to rehearsal and live performance including singing, dancing, musical performance, acting, directing, design, and stagecraft. Performing roles require an audition or interview. Grades are Satisfactory Progress (Noncredit).

Entrance Requirement(s): Audition

THART-529

0 UNITS

College Theatre

36-108 LECTURE HOURS
54-162 LAB HOURS

Discover the world of theatrical performance in this non-credit course. Primarily, but not exclusively, aimed at older adults and lifelong learners, students will learn through applied techniques and hands-on experience in rehearsals leading to public performances. Each semester features diverse performance opportunities from different eras, genres, styles, and cultures. Activities in acting, movement, voice, design, and stagecraft promote holistic well-being, stimulating physical, mental, social, and emotional growth. Thart 529 requires an audition or interview, and is open to all students and community members. Grades are Satisfactory Progress (Noncredit).

Entrance Requirement(s): Audition; in order to be fully successful in this course, students should already possess some knowledge of theatre performance and production.

Theatre Arts Family of Classes

Foundations of Acting:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 171 for details.)

- THART 11A—Introduction to Acting I
- THART 11B—Introduction to Acting II
- THART 12A—Intermediate Studies in Acting I
- THART 12B—Intermediate Studies in Acting II

Musical Theatre

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 172 for details.)

- THART 26R—Musical Theatre Workshop

Theatre:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 172 for details.)

- THART 29R—College Theatre

Theatre Production:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 172 for details.)

- THART 45A—Stagecraft
- THART 45B—Introduction to Theatre Design
- THART 45C—Introduction to Stage Lighting

Veterinary Technology

VETERINARY TECHNOLOGY

ASSOCIATE IN SCIENCE

Some allied health careers involve caring for animals rather than people. Veterinary technicians learn a variety of skills also found in other allied health professions, including nursing, anesthetic, radiologic, dentistry, emergency, and surgical skills. Examples of employment primarily include veterinary practices serving dog, cat, horse, and farm animals, but also zoos, wildlife rehabilitation centers, biomedical research, public health/food safety, clinical diagnostic laboratories, and such industries as pharmaceutical, pet food, and pet insurance.

General Information: Yuba College offers an Associate of Science (A.S.) Degree in Veterinary Technology. Yuba College also offers a Certificate of Achievement in Veterinary Assisting and Animal Care. Details about each degree can be found below. Interested individuals can also obtain information by visiting our website: <https://yc.yccd.edu/vettech/>. Individuals may also want to visit the Yuba College Veterinary Technology Facebook page.

For additional questions, please call the Program at (530) 740-1732 or (530) 740-1740, or by emailing akuykend@yccd.edu or kmathis@yccd.edu. Additionally, please consider visiting the Veterinary Technology Program in the 1700 Building, across from the Veteran's Resource Center, on the Marysville campus of Yuba College.

Costs: In addition to the expenses of regularly enrolled students (e.g., living costs, activity fees, books, enrollment fees), Veterinary Technology Program students have the additional requirements of uniforms, drug and background screening, stethoscope, name badge, and radiation monitoring equipment. Veterinary Technology Program students are eligible for financial aid available to any Yuba College student meeting expected criteria. An estimated breakdown of the costs associated with the A.S. degree can be found on the Program website: <https://yc.yccd.edu/vettech/>.

Drug Policy: All students enrolled in the Veterinary Technology Program are subject to the drug policy which is a part of the Student Code of Conduct. Violation of this policy may result in denial of admission or dismissal from the Program. The policy is outlined in the Student Handbook as well as in the Veterinary Technology Program Policy Handbook found on the Program's website: <https://yc.yccd.edu/vettech/>.

Additionally, in accordance with the California Veterinary Medical Board, a person convicted of certain offenses may not qualify to be licensed as a registered veterinary technician. Prospective veterinary technology students are strongly urged to consider this stipulation prior to investing substantial time and money if it appears that past convictions could jeopardize an applicant's future eligibility for licensure. Please reach out to the Program if you need help looking into this: at (530) 741-6962 or vettech@yccd.edu, or visit the Veterinary Technology Program in the 1700 Building, across from the Veteran's Resource Center.

Associate of Science (A.S.) Degree in Veterinary Technology:

For the A.S. degree, the Yuba College Veterinary Technology Program (referred to here as the Program) is a full-time course of study that can be completed in two years or extended by completing the General

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Education, Science and other graduation requirements prior to admission into the veterinary technology sequence. The latter format is highly recommended.

The Program is accredited by the American Veterinary Medical Association. Upon program completion, graduates (unless otherwise disqualified by the licensing board) are eligible to take the national licensing examination (the VTNE) to become a Registered Veterinary Technician in the State of California.

Prerequisite Course Requirements: Three prerequisite courses are required. These three courses must be completed with a combined grade point average of 2.5 or better. Prerequisite courses can be completed prior to application to the program, or in the same Spring semester as the application. Prerequisites cannot be taken or repeated the summer immediately before the fall semester of the A.S. degree.

Three prerequisites are required:

- VETT 91 (Veterinary Assisting). This is an online course that provides an overview of the profession. Please note that an assignment in the course does require eight hours of job-shadowing at a veterinary clinic.
- A life science course. Any of the following courses will satisfy this requirement: BIOL 1 (Principles of Biology), BIOL 4 (Human Anatomy), BIOL 10L (General Biology), BIOL 15 (Bioscience), or BIOL 24L (Human Biology with Laboratory).
- A chemistry course. Any of the following courses will satisfy this prerequisite: CHEM 10 (Concepts of Chemistry), CHEM 2A (Introductory Chemistry), or CHEM 1A (General Chemistry).

Due to the demanding nature of the Program, it is recommended that the prospective student meet with a counselor and create an education plan. This will allow the student to complete as many general education courses required for the Associate in Science Degree PRIOR to admission to the Veterinary Technology Program.

Students in the veterinary technology program are exempt from the Health/Physical Education and Multicultural Graduation Requirements.

Please note that several of the A.S. courses may be taken before formally entering the Program, if the student wishes to do so. These courses include:

- VETT 7 Veterinary Business Management
- VETT 8 Large Animal Care and Nursing
- VETT 9 Laboratory Animal Medicine
- VETT 10 Exotics and Wildlife Medicine
- VETT 12 Introduction to Veterinary Medical Math
- VETT 55 Veterinary Medical Terminology

Please note that these courses can also be used to obtain the Veterinary Assisting and Animal Care Certificate. See below for more details on the Veterinary Assisting and Animal Care Certificate.

Admissions: Selection of candidates for entry into the Program occurs each spring. A completed Program application and official college transcripts must be received by the Veterinary Technology Program administrator prior to March 15th in order to be eligible for entrance in the subsequent fall semester. The Program starts a new class cohort each fall semester.

The Program application may be accessed from the Program's website under the "Apply" tab: <https://yc.yccd.edu/vettech/>.

Because the number of qualified applicants may exceed the number of available enrollment spaces, meeting minimum requirements does not guarantee admission.

Qualified applicants will be notified of their preliminary acceptance into the Program by April 1st.

Attendance and participation in the Veterinary Technology Program Orientation is a mandatory requirement before final acceptance of a candidate. This Orientation, held on a Thursday in April, is a half day exploration into the teaching formats, academic and physical demands, and dexterity requirements that the Veterinary Technology Program student can expect to encounter.

Travel and Trainings: Students in the Veterinary Technology Program are required to complete various off site training internships to gain experience and satisfy learning objectives. These training hours are mandatory and additional to required individual course hours and farm care. Travel will be required of all students.

In addition, students in the Program will be required to spend 2 - 6 hours every 1-2 weeks during assigned dates and times caring for the Yuba College Veterinary Technology farm and clinic animals. Time will include weekends and holidays as well as semester breaks, including summer break.

Rabies Prophylaxis: Yuba College Veterinary Technology students must be vaccinated against the rabies virus by the beginning of spring semester of their first year. Spring semester is when students begin the first of their internships as well as their Medical Nursing course.

Rabies is a serious viral disease. Veterinary students and staff may come in contact with animals that have not been vaccinated against rabies or that have unknown vaccination histories.

There are different ways for you to receive the vaccine, including from your own health care provider. Details can be found at the Program website: <https://yc.yccd.edu/vettech/>

Students who complete this program should be able to:

1. Apply principles of biomedical sciences to help in disease prevention, treatment, and control in both veterinary and human medicine.
2. Demonstrate entry-level mastery of the hands-on and professional skills relevant to the various problems encountered in veterinary medicine.
3. Research, explain, and formulate preliminary solutions to real-world problems in the form of case studies, a toxicology research paper, and a Capstone project.

REQUIRED COURSES

UNITS

First Semester (fall)

VETT 1	Introduction to Veterinary Technology.....	3
VETT 4	Clinical Laboratory Techniques	3
VETT 7	Veterinary Business Management	1
VETT 55	Veterinary Medical Terminology	3

Second Semester (spring)

VETT 2	Veterinary Medical Nursing	3
VETT 2A	Veterinary Anatomy	3
VETT 3	Pharmacology for Veterinary Technicians.....	3
VETT 5A	Veterinary Technology Internship A	2

Third Semester (summer)

VETT 5B	Veterinary Technology Internship B	2
VETT 12	Intro to Veterinary Medical Math.....	2

Fourth Semester (fall)

VETT 5C	Veterinary Technology Internship C	2
VETT 8	Large Animal Care and Nursing	3
VETT 9	Laboratory Animal Medicine.....	2

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VETT 53A	Vet Surgical Nursing and Anesthesia.....	4
VETT 53B	Veterinary Diagnostic Imaging.....	3

Fifth Semester (spring)

VETT 5D	Veterinary Technology Internship D.....	2
VETT 10	Exotic and Wildlife Medicine.....	2
VETT 53C	Advanced Veterinary Nursing Techniques.....	4
VETT 53D	Principles of Veterinary Dentistry.....	3
VETT 59	Veterinary Technology Board Review.....	2

TOTAL UNITS REQUIRED FOR DEGREE MAJOR **52**

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Veterinary Technology majors are waived the health graduation requirement. Please see your counselor for additional information.

VETERINARY ASSISTANT AND ANIMAL CARE

CERTIFICATE OF ACHIEVEMENT

The Certificate of Achievement in Veterinary Assisting and Animal Care trains students in the skills necessary to care for animals in any of several different workplaces: small animal veterinary hospitals, equine and farm animal practices, animal shelter, exotics and wildlife medicine, lab animal medicine, or public health. The Certificate is designed both for individuals seeking employment as veterinary assistants, as well as for veterinary technology students or veterinary technicians seeking additional training in specific fields such as shelter medicine.

The Certificate of Achievement in Veterinary Assisting and Animal Care trains students in the skills necessary to care for animals in any of several different workplaces: small animal veterinary hospitals, equine and farm animal practices, animal shelter, exotics and wildlife medicine, lab animal medicine, or public health. The Certificate is designed both for individuals seeking employment as veterinary assistants, as well as for veterinary technology students or veterinary technicians seeking additional training in specific fields such as shelter medicine.

This convenient distance learning program is ideal for the working professional. It allows for more flexibility than a traditional college curriculum and is designed to allow students to complete the Certificate of Achievement in just one year.

In addition to providing the necessary information to upgrade current job skills for those already employed in veterinary facilities, this course of study also provides an excellent preparation for the individual interested in applying to the Yuba College Veterinary Technology Program.

For additional information, please contact the Yuba College Veterinary Technology via phone at (530) 740-1732 or (530) 740-1740, or via email at bloghry@yccd.edu, akuykend@yccd.edu, or kmathis@yccd.edu. Please also visit our website (<https://yc.yccd.edu/vettech/>) as well as the Yuba College Veterinary Technology Facebook page. You can also visit the Veterinary Technology program itself in the 1700 Building (across from the Veteran's Resource Center) on the Marysville campus.

Students who complete this program should be able to:

1. Apply critical thinking skills when confronted with issues and problems in veterinary medical practice.
2. Display behavior consistent with the highest professional ethics to foster personal growth and civic responsibility.
3. Demonstrate understanding of principles of husbandry, restraint, and handling of animals to include knowledge of normal and abnormal life processes and the common medical procedures performed in veterinary medical practice.

REQUIRED COURSES		UNITS
VETT 7	Veterinary Business Management	3
VETT 12	Intro to Veterinary Medical Math.....	2
VETT 52	Human-Animal Bond.....	3
VETT 55	Veterinary Medical Terminology.....	3
VETT 91	Veterinary Assisting	3

Complete 4-5 units from the following:

VETT 8	Large Animal Care and Nursing.....	3
VETT 9	Laboratory Animal Medicine.....	2
VETT 10	Exotic and Wildlife Medicine.....	2
VETT 54	Public Health and Infectious Disease.....	3
VETT 56	Shelter Medicine.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE **18-19**

COURSES

VETT-1 **3 UNITS**

Introduction To Veterinary Technology

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LECTURE HOURS

This course introduces the first year Veterinary Technology student to the diverse field of veterinary technology. Emphasis on career paths, legal requirements, ethics, animal breeds, patient exams, and medical records. Multiple species will be covered and students will engage in hands-on care of all Veterinary Technology Program animals on a repeating basis throughout the semester.

Entrance Requirement(s): Admission to the Veterinary Technology Program.

VETT-2 **4 UNITS**

Veterinary Medical Nursing

TRANSFERABLE TO CSU
54 LECTURE HOURS
54 LAB HOURS

Students will apply principles of physiology to nursing interventions for diseases of common domestic animals (especially dog and cat). Emphasis will be on the following systems: musculoskeletal, special senses (e.g., vision, hearing, balance), nervous, immune, cardiovascular, respiratory, urinary, endocrine, digestive, integument, reproduction, and pregnancy/development/lactation.

Prerequisite(s): VETT-4, VETT-1

Entrance Requirement(s): Admission to the Veterinary Technology Program required.

VETT-2A **3 UNITS**

Veterinary Anatomy

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

Gross anatomy of domestic animals. This course will introduce the veterinary technology student to basic anatomy of domestic animals. Topics include anatomical and directional terms common to veterinary medical practice as well as coverage of the skeletal, integumentary, muscular, cardiopulmonary, digestive, urogenital, endocrine, and nervous systems and the special sense organs. The structure and function of the animal body as well as discussion of the similarities and differences among domestic animal species is included.

Prerequisite(s): VETT-1; VETT-4

VETT-3**3 UNITS****Pharmacology for Veterinary Technicians****TRANSFERABLE TO CSU**
54 LECTURE HOURS

Students will apply principles of pharmacology to nursing interventions for diseases of common domestic animals (especially dog and cat). Emphasis will be on the following systems: musculoskeletal, special senses (e.g., vision, hearing, balance), nervous, immune, cardiovascular, respiratory, urinary, endocrine, digestive, integument, reproduction, and pregnancy/development/lactation. The final unit for the semester will be on toxicology.

Prerequisite(s): VETT-1; VETT-4**Entrance Requirement(s):** Admission to the Veterinary Technology Program.**VETT-4****3 UNITS****Clinical Laboratory Techniques****TRANSFERABLE TO CSU**
36 LECTURE HOURS
54 LAB HOURS

Studies of the laboratory techniques and procedures employed in evaluating clinical diagnostic samples. Emphasis will be placed on procedures common to veterinary medicine including hematology, serum chemistry, urinalysis, cytology, immunology, parasitology and microbiology. Topics include: the safe and proper collection of diverse samples, microbial culturing, methods of sample analysis, and the significance of normal and abnormal results.

Entrance Requirement(s): Admission to the Veterinary Technology Program.**VETT-5A****2 UNITS****Veterinary Technology Internship A****TRANSFERABLE TO CSU**
108 LAB HOURS

Introduction to the application of veterinary technology procedures at off-campus internship sites under direct supervision of a veterinarian or a registered veterinary technician. Internship sites include veterinary hospitals and clinics, research, and shelters. Rotation through various facilities is required. Students will practice essential hands-on skills, as well as interpersonal skills.

Prerequisite(s): VETT-1; VETT-4**VETT-5B****2 UNITS****Veterinary Technology Internship B****TRANSFERABLE TO CSU**
108 LAB HOURS

Introduction to the application of veterinary technology procedures at off-campus internship sites under direct supervision of a veterinarian or a registered veterinary technician. Internship sites include veterinary hospitals and clinics, research, and shelters. Rotation through various facilities is required. Apply application of knowledge and skills acquired in concurrent course work. Obtain competency in essential nursing tasks. Increase knowledge and ability to operate hospital lab equipment and develop skills to perform basic veterinary laboratory procedures. (L,M,C)

Prerequisite(s): VETT-2; VETT-3; VETT-5A**VETT-5C****2 UNITS****Veterinary Technology Internship C****TRANSFERABLE TO CSU**
108 LAB HOURS

Introduction to the application of veterinary technology procedures at off-campus internship sites under direct supervision of a veterinarian or a registered veterinary technician. Internship sites include veterinary hospitals and clinics, research and shelters. Rotation through various facilities is required. Apply application of knowledge and skills acquired in concurrent course work. Apply skills acquired in radiology, anesthesiology and surgery. (L,M,C)

Prerequisite(s): VETT-5B**VETT-5D****2 UNITS****Veterinary Technology Internship D****TRANSFERABLE TO CSU**
108 LAB HOURS

Introduction to the application of veterinary technology procedures at off-campus internship sites under direct supervision of a veterinarian or a registered veterinary technician. Internship sites include veterinary hospitals and clinics, research and shelters. Rotation through various facilities is required. Application of knowledge and skills acquired in concurrent course work. Provide nursing care to emergency and critical care patients. Administer complex therapeutics. Develop patient care plans. (L,M,C)

Prerequisite(s): VETT-5C; VETT-53A; VETT-53B**VETT-7****3 UNITS****Veterinary Technology Professional Development****TRANSFERABLE TO CSU**
54 LECTURE HOURS

This course introduces students to the professional, ethical, and interpersonal skills essential for success in modern veterinary practice. Topics include communication, team building, emergency management, workplace safety, and the legal and ethical foundations of veterinary medicine. Students also explore practice models, career pathways, and concepts of integrative patient care.

VETT-8**3 UNITS****Large Animal Care and Nursing****TRANSFERABLE TO CSU**
54 LECTURE HOURS

Principles of large animal medicine, surgical nursing and equine field service including performance of a complete physical examination, acquisition of a medical history, animal restraint, clinical aspects of reproductive management, knowledge of various diagnostic and therapeutic procedures, laboratory sample collection, bandaging, and emergency treatment. Additionally, surgical and obstetrical procedures and instruments, herd health, economics, and lameness topics for equine and livestock will be covered.

Prerequisite(s): VETT-2; VETT-2A; VETT-3**VETT-9****2 UNITS****Laboratory Animal Medicine****TRANSFERABLE TO CSU**
36 LECTURE HOURS

Introduction to laboratory animal medicine. Survey of feeding, common management practices, and care of laboratory animals in a clinical setting. Appropriate methods of animal handling, restraint, management practices, research techniques, husbandry, nursing, care and observation of laboratory species will be emphasized. Students will learn about guidelines, regulations, and legislation governing

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the use of animals in research. This course will provide information and handling skills which will help the student prepare for AALAS certification. (L,C)

VETT-10**2 UNITS****Exotic and Wildlife Medicine**

TRANSFERABLE TO CSU
36 LECTURE HOURS

An overview of fundamentals of avian, exotic and wildlife husbandry, physiology, management, and medicine; includes appropriate methods of animal handling, restraint, husbandry, care and observation of exotic and wild species.

Prerequisite(s): VETT-2; VETT-2A; VETT-3

VETT-12**2 UNITS****Introduction to Veterinary Medical Math**

TRANSFERABLE TO CSU
36 LECTURE HOURS

Applied mathematics as a fundamental communication and technical skill. Review of calculations involving decimals, ratios, fractions and unit conversions as utilized in medical practice for dosage determinations, administration of drugs, prescriptions and intravenous fluid infusion. Course includes analysis of written word problems and real-world case scenarios relevant to veterinary medical practice.

VETT-13**1 UNIT****Emergency Medicine and Critical Care for Veterinary Technicians**

TRANSFERABLE TO CSU
18 LECTURE HOURS

Theoretical and practical aspects of assisting the veterinarian in the management of medical and traumatic emergencies, with an emphasis on comprehensive nursing of critical patients. Recognition and assessment of cardiovascular shock, respiratory crisis, gastrointestinal emergency, and musculoskeletal trauma. Principles and techniques of fluid therapy and administration of emergency drugs. Application of treatment protocols for shock, cardiopulmonary arrest, gastrointestinal crisis, wounds and fractures, toxicoses, and various common emergencies. Explanation of the maintenance of emergency medical equipment and supplies. Intended for students in the Veterinary Technology Program; enrollment is limited to students accepted in the program.

Prerequisite(s): VETT-2; VETT-2A; VETT-3

VETT-52**3 UNITS****Human-Animal Bond**

54 LECTURE HOURS

Using both anthropological and sociological perspectives, the course explores the unique social relationship humans share with other animals. Students explore the mutual impact humans and animals have on each other over time and across cultures. Learners will critically evaluate the social construction of attitudes towards animals and how these values influence human-nonhuman animal interactions.

VETT-53A**4 UNITS****Vet Surgical Nursing and Anesthesia**

36 LECTURE HOURS
108 LAB HOURS

Principles and techniques involving surgery and anesthesia. Includes preparation and identification of surgical instruments and equipment, routine surgical procedures, anesthesia induction and monitoring, post-surgical care, clean up and surgical record keeping. Multiple species will be covered and students will participate in hands-on care of VT

Program animals throughout the semester. Completion of a Capstone Project proposal is required.

Prerequisite(s): VETT-2; VETT-2A; VETT-3

VETT-53B**3 UNITS****Veterinary Diagnostic Imaging**

36 LECTURE HOURS
54 LAB HOURS

Principles and techniques of radiographic imaging. Includes the production of x-rays, radiographic equipment, safety management, and radiographic quality. Also includes diagnostic radiographics and ultrasounds, positioning of patients, darkroom techniques and x-ray processing.

Prerequisite(s): VETT-2A; VETT-2; VETT-3

VETT-53C**4 UNITS****Advanced Veterinary Nursing Techniques**

36 LECTURE HOURS
108 LAB HOURS

Principles and techniques involving veterinary nursing. Emphasis on venipuncture, catheterization, fluid therapy preparation, nursing care and behavior of large and small animals, preventive medicine, nutrition, record keeping and medical procedures. Also includes mentoring techniques, teamwork, communications, and health problem assessment involving kennel management. Multiple species will be covered and students will participate in hands-on care of VT Program animals throughout the semester. Completion of a Capstone Project is required.

Prerequisite(s): VETT-53A; VETT-53B

VETT-53D**3 UNITS****Principles of Veterinary Dentistry**

36 LECTURE HOURS
54 LAB HOURS

Principles and techniques involving veterinary dentistry. Includes preparation and identification of dental instruments and equipment, routine dental procedures, dental charting, the oral examination, oral radiography, orthodontics, pathophysiology and dental emergencies. The laboratory portion of the course utilizes demonstrations, laboratory exercises, group activities, online case studies and lectures to illustrate the principles presented in the lecture. (L,M,C)

Prerequisite(s): VETT-53A; VETT-53B

VETT-54**3 UNITS****Public Health and Infectious Disease**

54 LECTURE HOURS

This course introduces the core concepts of public health emphasizing zoonotic and infectious diseases important to both human and animal health. Collaborative efforts between human and veterinary medical professions through the "One Health Initiative" will be discussed, including issues and developments in food safety, global health and the principles of epidemiology in risk assessment and effective public health interventions.

VETT-55**3 UNITS****Veterinary Medical Terminology**

54 LECTURE HOURS

This course guides learners through the process of reading, writing, and comprehending medical terminology used in the veterinary medical field including analysis and origin of word roots, prefixes and suffixes. Additionally word construction, definitions, and use of words related to the body systems are covered. Topics include the pronunciation, spelling and definition of word parts and vocabulary terms unique to the anatomy,

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clinical pathology, and treatment of animals. Lectures demonstrate the importance of proper vocabulary usage in patient records.

VETT-56 **3 UNITS**

Shelter Medicine

54 LECTURE HOURS

This course explores the origin of animal shelters as well as pet population dynamics. Students will analyze data about animal shelter systems and operations, devising solutions for identified health and welfare concerns. Topics include: behavioral assessment, infectious disease prevention and control, medical and emergency care.

VETT-59 **2 UNITS**

Veterinary Technology Board Review

36 LECTURE HOURS

Review of pertinent subject matter in preparation for the national licensing examination for veterinary technicians (the VTNE). Includes a review of the nine content areas that comprise the VTNE. Also includes test taking skills, test anxiety reduction techniques and practice board exams; includes information on exam application processes. (L,M,C)

Prerequisite(s): VETT-53A

VETT-91 **3 UNITS**

Veterinary Assisting

54 LECTURE HOURS

Concepts of veterinary medicine needed to function effectively as a veterinary assistant, veterinary receptionist, kennel staff or animal shelter worker. This course does not lead to the AS Degree in Veterinary Technology but can be used as a step towards entry into that program.

Welding

WELDING TECHNOLOGIES

ASSOCIATE IN SCIENCE

The Welding program teaches curriculum that is designed to meet the minimum skill standards established by the American Welding Society (AWS) for entry-level welders. Our comprehensive program develops a student's skills in metals cutting and joining processes. Training is given in both theory and practical skills in the various phases of welding and cutting. This includes introductory to advanced methods plasma and air carbon arc cutting, oxyacetylene cutting, SMAW (stick), GTAW (TIG) welding, GMAW (MIG) welding, and FCAW (flux core), welding inspecting, testing principles and fabrication techniques, and other processes. Our classes are conducted in laboratories outfitted with modern industrial welding, cutting, CNC plasma, forming, fixturing, tube and pipe shaping and other fabrication equipment. Entry-level welders are employed in a wide range of industries that use welding and welding-related tasks as project managers, supply salespeople, and teachers, or possibly pursue a higher degree.

Students who complete this program should be able to:

1. Demonstrate appropriate workplace safety policies and procedures during welding and fabrication operations.
2. Demonstrate minimum competency in major welding processes used in industry.
3. Recognize and interpret technical drawings in planning and

fabrication projects.

REQUIRED COURSES	UNITS
DRAFT 20 Blueprint and Specifications Reading	3
MFGT 20 Principles of Machine Shop	3
WELD 10 Introduction to Shielded Metal Arc Welding (SMAW)	4
WELD 12 Intermediate Shielded Metal Arc Welding (SMAW)	4
WELD 20 Introduction to Gas Metal Arc Welding (GMAW)	4
WELD 22 Intermediate Gas Metal Arc Welding (GMAW)	4
WELD 40 Introduction to Gas Tungsten Arc Welding (GTAW)	4
WELD 50 Introduction to Structural Steel and Flux Cored Arc Welding (FCAW)	4
WELD 85 Structural Design and Fabrication	4

Complete a minimum of 3 units from the following courses:

AUTO 22 Hydraulics (Fluid Power)	3
CWEE 45A Occupational Work Experience-Volunteer	1-4
CWEE 45B Occupational Work Experience-Paid	1-4
MFGT 21 Intermediate Machine Shop	3
WELD 52 Intermediate Structural Steel and Flux Cored Arc Welding (FCAW) ..	4
WELD 62 Pipe Welding Fundamentals	4
WELD 64 Advanced Pipe Welding	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 37

Students earning an AA/AS degree must complete a minimum of 21 units of General Education requirements and the health graduation requirement, in addition to the program units listed here. Students must complete a total of 60 degree applicable units to earn an AA or AS. Please see your counselor for additional information.

ADVANCED WELDING TECHNOLOGIES

CERTIFICATE OF ACHIEVEMENT

Upon successful completion of the advanced welding certificate, the student will demonstrate skills, knowledge, and training for employment in entry-level positions including industrial occupations in metal shops, all maintenance positions, sheet metal and metal fabrication shops, and many apprenticeship programs.

Students who complete this program should be able to:

1. Demonstrate introductory skills in SMAW, GMAW, GTAW, OAC and PAC.
2. Demonstrate a knowledge of layout and fixturing and work holding in project design.

REQUIRED COURSES	UNITS
DRAFT20 Blueprint and Specifications Reading	3
MFGT 20 Principles of Machine Shop	3
WELD 10 Introduction to Shielded Metal Arc Welding (SMAW)	4
WELD 12 Intermediate Shielded Metal Arc Welding (SMAW)	4
WELD 20 Introduction to Gas Metal Arc Welding (GMAW)	4
WELD 22 Intermediate Gas Metal Arc Welding (GMAW)	4
WELD 40 Introduction to Gas Tungsten Arc Welding (GTAW)	4
WELD 50 Introduction to Structural Steel and Flux Cored Arc Welding (FCAW) ..	4
WELD 85 Structure Design and Fabrication	4

TOTAL UNITS REQUIRED FOR CERTIFICATE 34

FABRICATION AND MANUFACTURING METHODS

CERTIFICATE OF ACHIEVEMENT

The fabrication and metalworking certificate will introduce students to fabrication and metal working skills with sheet metal and structural applications. Students will also learn to use both manual and automated fabrication and metalworking equipment. Students will learn manual machining skills using manual equipment. Students will also learn the design process and use of CNC machining equipment.

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Students who complete this program should be able to:

1. Demonstrate appropriate workplace safety policies and procedures during welding and fabrication operations.
2. Demonstrate minimum competency in major welding processes used in industry.
3. Recognize and interpret technical drawings in planning and fabrication projects.

REQUIRED COURSES		UNITS
DRAFT20	Blueprint and Specifications Reading	3
MFGT 20	Principles of Machine Shop	3
MFGT 34	Computer Numerical Control	4
MFGT 35	Computer Aided Manufacturing	3
MFGT 60	Problems in Manufacturing Technology	3
WELD 83	GMAW/GTAW Production Welding	4
WELD 84	Applied Fabrication Welding	4
WELD 85	Structure Design and Fabrication	4
WELD 88	Welding Technical Problems	4

TOTAL UNITS REQUIRED FOR CERTIFICATE 32

INTRODUCTORY WELDING TECHNOLOGIES

CERTIFICATE OF ACHIEVEMENT

This certificate will introduce a variety of welding and cutting processes which students will experience in their welding career. This will help students to understand the various processes and help them to make decisions which will help them focus their efforts for future employment. Students will learn and understand the usage of the SMAW, GMAW, GTAW, FCAW and other welding and cutting processes.

Students who complete this program should be able to:

1. Demonstrate introductory skills in SMAW, GMAW, GTAW, OAC and PAC.

REQUIRED COURSES		UNITS
WELD 10	Introduction to Shielded Metal Arc Welding (SMAW)	4
WELD 20	Introduction to Gas Metal Arc Welding (GMAW)	4
WELD 40	Introduction to Gas Tungsten Arc Welding (GTAW)	4
WELD 50	Introduction to Structural Steel and Flux Cored Arc Welding (FCAW) .	4

TOTAL UNITS REQUIRED FOR CERTIFICATE 16

COURSES

WELD-10 4 UNITS

Introduction To Shielded Metal Arc Welding (SMAW)

TRANSFERABLE TO CSU
54 LECTURE HOURS
54 LAB HOURS

This course advances beginning arc welding skills with an emphasis on Shielded Metal Arc Welding (SMAW). Power sources, electrode identification, weldability of metals, joint design, air arc, oxyacetylene cutting, and introduction to other welding processes are covered. Activities include learning to weld stringer and weave beads, and producing butt and fillet welds in the flat and horizontal positions. Welds will be performed to the AWS welding standards. Grades are P/NP Option.

WELD-12 4 UNITS

Intermediate Shielded Metal Arc Welding (SMAW)

TRANSFERABLE TO CSU
54 LECTURE HOURS
54 LAB HOURS

This course covers intermediate arc welding skills with emphasis on vertical and overhead welding with the Shielded Metal Arc Welding (SMAW) process. Course activities prepare the student for weld certification, pipe welding and advanced arc welding classes. Weld symbols, joint preparation, weld codes, AWS standards and weld alloys are covered.

Prerequisite(s): WELD-10

WELD-20 4 UNITS

Introduction To Gas Metal Arc Welding (GMAW)

TRANSFERABLE TO CSU
54 LECTURE HOURS
54 LAB HOURS

This course emphasizes developing Gas Metal Arc Welding (GMAW) skills on light gauge steel. Students will learn GMAW (also known as MIG) welding applications and variables and how each affect their welds. Topics include: inert shielding gases and mixtures, as well as setting up and adjusting GMAW (MIG) equipment to ensure the best weld quality.

WELD-22 4 UNITS

Intermediate Gas Metal Arc Welding (GMAW)

TRANSFERABLE TO CSU
54 LECTURE HOURS
54 LAB HOURS

This is an intermediate course with an emphasis on vertical and overhead welding. Designed for the student interested in improving upon the Gas Metal Arc Welding (GMAW) skills learned in Weld 20. This course emphasizes skills needed for entry into the work force as a GMAW (also known as MIG) welder. Grades are P/NP Option.

Prerequisite(s): WELD-20

WELD-40 4 UNITS

Introduction To Gas Tungsten Arc Welding (GTAW)

TRANSFERABLE TO CSU
54 LECTURE HOURS
54 LAB HOURS

This course is an introduction to the Gas Tungsten Arc Welding (GTAW) process. The course covers welding techniques for welding mild steel, aluminum and stainless steel. The course will stress welding applications on flat and pipe stock in all positions to develop GTAW (also known as TIG) welding skills. Course content will include metal identification and welding symbols. Grades are P/NP Option.

WELD-42 4 UNITS

Intermediate Gas Tungsten Arc Welding (GTAW)

TRANSFERABLE TO CSU
54 LECTURE HOURS
54 LAB HOURS

This is an intermediate course with an emphasis on vertical and overhead Gas Tungsten Arc Welding (GTAW). This class is designed for the student who is interested in improving his/her beginning skills in order to prepare for entry into the job force as a GTAW (also known as

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TIG) welder. Grades are P/NP Option.

Prerequisite(s): WELD-40**WELD-50****4 UNITS****Introduction to Structural Steel and Flux Cored Arc Weld (FCAW)****54 LECTURE HOURS****54 LAB HOURS**

This course emphasizes developing skills on structural steel and Flux Cored Arc Welding (FCAW) practices. Related instruction will include ferrous metal identification and welding characteristics, FCAW welding applications and variable, dual shield inert shielding gases and mixtures. Students will troubleshoot FCAW equipment and welds completed in all positions. Grades are P/NP Option.

WELD-52**4 UNITS****Intermediate Structural Steel and Flux Cored Arc Welding (FCAW)****54 LECTURE HOURS****54 LAB HOURS**

This course emphasizes improving skills in structural steel and flux cored arc welding (FCAW) practices. Related instruction will include: ferrous metal identification and welding characteristics, FCAW welding applications and variables, dual shield inert shielding gases and mixtures, troubleshooting FCAW equipment, and welding in all positions. Grades are P/NP Option.

Prerequisite(s): WELD-50**WELD-62****4 UNITS****Pipe Welding Fundamentals****54 LECTURE HOURS****54 LAB HOURS**

This course covers fundamentals of pipe welding with emphasis on open groove pipe joints and pipe joint preparation using oxy-fuel cutting, plasma cutting, and proper grinding techniques. The course emphasizes shielded metal arc welding (SMAW) but will introduce students to other welding processes related to welding pipe in all positions. Grades are P/NP Option.

Prerequisite(s): WELD-10 or WELD-12 or WELD-20 or WELD-40**WELD-64****4 UNITS****Advanced Pipe Welding****54 LECTURE HOURS****54 LAB HOURS**

This is an advanced pipe welding course with an emphasis on ASME, AWS and API certification. Course instruction includes pipe welding codes, and classification and identification of pipe and pipe welding procedures. Completion of the class does not guarantee certification unless welding procedure qualification tests are passed. Grades are P/NP Option.

Prerequisite(s): WELD-62**WELD-83****4 UNITS****GMAW/GTAW Production Welding****54 LECTURE HOURS****54 LAB HOURS**

This course is an introduction to gas tungsten arc welding (GTAW) and gas metal arc welding (GMAW). It covers plasma arc cutting, application of processes, and use of a track cutter. Students will be introduced to manual and Computer Numerical Control (CNC) plasma cutting. Grades are P/NP Option.

WELD-84**4 UNITS****Applied Fabrication Welding****54 LECTURE HOURS****54 LAB HOURS**

This course focuses on project design, metal fabrication, and fabrication methods of sheet metal. Students will receive instruction on designing, cutting, assembling, and welding. Students will learn to design in a 2D software and cut out the drawings using the CNC Plasma table. Students will learn sheet metal design and fabrication techniques utilizing manual and automated equipment. Grades are P/NP Option.

Advisory: WELD-20**WELD-85****4 UNITS****Structure Design and Fabrication****54 LECTURE HOURS****54 LAB HOURS**

Structural weld design and fabrication of weldments. Operation of mechanized iron workers, tubular benders, press brakes and other fabrication equipment. Students will receive instruction on utilization of blueprints, welding symbols, cost estimation, and layout techniques, in regards to structural steel applications. (C) Grades are P/NP Option.

WELD-88**4 UNITS****Welding Technical Problems****54 LECTURE HOURS****54 LAB HOURS**

Individualized instruction in special topics, including weld testing and certification, industry standards, A.N.S.I., A.W.S., A.P.I., A.S.M.E., research, and special welding processes and projects. (C) Grades are P/NP Option.

WELD-89**2 UNITS****Agriculture Welding****18 LECTURE HOURS****54 LAB HOURS**

This is an introductory course designed to introduce welders to the arc welding and cutting processes. Emphasizes the development of minimum skill standards in welding. The SMAW (shielded metal arc welding), GMAW (Gas Metal Arc Welding), GTAW (Gas Tungsten Arc Welding), FCAW (Flux Cored Arc Welding), OFC Oxy-Fuel Cutting) and PAC (Plasma Arc Cutting) processes are covered. The qualification and certification standards for entry level welders as established by the American Welding Society will be covered. Grades are P/NP Option.

Work Experience Education

COURSES

WORK-44**1-6 UNITS**

Work Experience

TRANSFERABLE TO CSU**54-324 LAB HOURS****REPEATABLE THREE TIMES ONLY**

This class allows students to earn college credit for supervised paid or unpaid work. Students will develop and assess individualized learning objectives, connecting on the job learning to their program of study. Through employer feedback, personal reflections, and guidance by an assigned mentor, students will develop relevant skills, desirable work habits, attitudes, and career awareness. Students must work 54 hours for each unit of work experience, up to a maximum of 6 units in one semester. Students enrolling in this course should have already secured paid or unpaid employment at a suitable worksite. Grades are P/NP Only.

STAFF & FACULTY



Classified Professionals

TAMI BANTA

Administrative Secretary III
A.A., A.S., Yuba College

ELIZABETH BAUER

Administrative Secretary II

CHRISTINA BARBACCIA

Library Media Specialist
BLS, CSU Chico
CLS, Sacramento City College

SHARICE BONACHEA

Student Services Technician
B.A., CSU San Francisco

JORDAN BROOKS

Science Lab Technician-Biology

QUY BUI

Instructional Associate-Math
B.A., Yuba College
B.S., UC Davis

RUTH CATALAN

SSS/UB Specialist
B.S., CSU Sacramento

DEVON COATS

College Instructional Support Specialist
B.A., UC Davis
M.A., Capella University

BLYTHE CONTRERAS

Administrative Secretary II

ESTHER DAHM

Administrative Secretary I

ROSA DE LA TORRE

Financial Aid Technician
A.S., Yuba College

INDERJIT DEOL

SSS Program Specialist

SONIA DIAZ

Financial Aid Technician
A.A., Yuba College

RANDALL EDWARDS

Basic Needs Specialist
A.A., Butte College
B.S.W., Chico State

ALYSSA EMERSON

Administrative Secretary I
A.A., Yuba College
B.A., Fresno Pacific University

MICHAEL ENOKSEN

Testing Technician
A.A., Yuba College
B.A., Brandman University

JUANA ENRIQUEZ G.

SSS/UB Learning Specialist
B.A., CSU Sacramento

CRYSTAL FERRER

Educational Services Analyst

GLORIA GARCIA

Administrative Secretary I
A.S., Yuba College

CHRYSTAL GILLMING

Student Marketing & Engagement Coordinator

RYAN GOERGEN

Financial Aid Technician
A.S., Yuba College

SILVIA GONZALEZ

EOPS/CARE Specialist
A.A., Yuba College
B.A., CSU Chico

GIOVANY GUZMAN

SSS/UB Learning Specialist
B.A., CSU Sacramento

DARLA HAGERMAN

Instructional Associate-College Success
B.A., CSU Chico

RILEY HANG

Instructional Associate, College Success
A.S., A.S.-T, Sierra College
B.S., UC Davis

ERIKA HERNANDEZ

SSS Program Specialist

MILENA HMELEVA

Piano Accompanist
M.M., Kyrgyz National Conservatory

NATHANIEL JURGENSEN

Student Services Technician
B.A., CSU Sacramento

AMBER KUYKENDALL

Veterinary Technology Specialist
A.S., Yuba College; B.S., CSU Chico

HARMONY LAFROMBOISE

Child Development Assistant

MATEO LOEZA LARA

EOPS/CARE Specialist
B.A., California State University Sacramento

GREGORY LOPIN

Athletic Trainer
B.S., CSU Sacramento

KRYSTAL MADRID

Student Services Technician
A.S., A.S.-T., Yuba College
B.S., CSU Sacramento

ROCHELLE MCCAULLEY

Foster Care Education/ILP

VICKI MCCONNELL

CTE & Workforce Development Administrative Specialist
A.A., University of Phoenix

RENEE MCKENZIE

Child Development Site Supervisor
A.S., Yuba College

SHAWN MELTON

Alternate Media Technology Specialist
A.S., Yuba College
B.S.W., CSU Chico
M.S.W., CSU Chico

JENNIFER MENDEZ LOPEZ

Clerical Assistant - Counseling
B.A., CSU Sacramento

JULIE MILLER

Library/Media Specialist
B.A., CSU Sacramento

MICHAEL MIRELES-DANKO

Transfer, Career, & Veterans Resources Technician
A.S., Yuba College

BEAU MOOREHEAD

Athletic Equipment Manager
A.A., Merced College
B.A., San Francisco State
M.S., Jessup University

AFGHANI OBAIDI

Child Development Assistant
A.S., Yuba College

RUBY ORNELAS

Campus Life Technician

AGUSTINA RAMIREZ

Child Development Assistant

JESSICA RAMOS

Administrative Secretary II

Classified Professionals (cont'd)

TAMMY ROGERS
Child Development Instructional Specialist

MICHELLE ROSALES
EOPS/CARE Specialist
A.S., Yuba College
B.A., CSU Chico
M.S.W., CSU Chico

MARIA RUIZ
SSS Program Specialist

ALICIA SANCHEZ TORRES
Instructional Associate
A.A., Yuba College
A.S., Yuba College
B.A., Universidad Nacional
Federico Villarreal, Peru

SHAFAY SHAHID
Fiscal Support Technician

SARAH SCOTT
Science Lab Technician-Chemistry
B.S., UC Davis

MICHELLE SILLER
Secretary
A.S., Yuba College

SHELLY SMITH
Senior Student Services Technician
A.S., Yuba College

CAROLIE STONER
DSPS Program Specialist

JP STOTTMANN
Instructional Associate, Theatre
A.A. Yuba College

REBECCA STRICKLAND
Financial Aid Technical Analyst
A.S., Woodland Community
College
B.S., CSU Chico

AMANDA TORTORA
Administrative Secretary II
A.S., Yuba College

YULISA UBIAS
SSS Program Specialist
BSW, Chico State University
MSW, Chico State University

KATHY VANG
Student Engagement & Outreach Specialist
B.S., UC Davis

VIRGINIA VELASQUEZ
Child Development Instructional Specialist
A.S., Yuba College

DENISE VILLANUEVA
Senior Student Services Technician
A.S., Yuba College

JOANNA ZAMUDIO
Clerical Assistant, EOPS
A.S., Yuba College

Sutter County Center

STEPHANIE BONE
Instructional Associate, College Success
B.S., University of San Francisco

JUANA ENRIQUEZ
Campus Operations Specialist I

ELIZABETH VILLALOBOS
Campus Operations Specialist I

DEBRA SUTTON
Library and Learning Services Program Specialist

Confidential Professionals

IRMA GUZMAN
Fiscal Analyst
A.A., Yuba College

GABRIELA IBARRA
Executive Assistant, Vice President of Instruction

ZULEMA ZERMENO
Executive Assistant to the President

Academic Faculty and Administrators

MICHAEL BAGLEY

Dean, Industrial Innovation, Business, Science, and Math
B.S., M.S., Ph.D., UC Davis
M.A., Texas A&M

JACKIE BALTZELL

Radiological Technology
A.S., Yuba College
B.S., Trident University
M.S., Trident University

RUPINDER BAJWA

Counselor
B.A., CSU Sacramento
M.S., University of LaVerne

JOSEPH BAUER

Manufacturing
B.S., CSU Chico

ELILIANA BECERRA

Director, MESA
B.S., M.A., CSU Chico

TUESDAY BENAVIDEZ-KNIGHT

Nursing
B.S.N., Chico State
M.S.N., Frontier Nursing University

SARAH BELMONTE

Nursing
A.D.N., Yuba College
B.S.N., University North Alabama
M.S.N., FNP, Sonoma State University

SHERRY BENSON

Accounting/Business
B.S., Sonoma State University
M.S., Golden Gate University

BROOKE BOEDING

Counseling
A.A., Copper Mountain College
B.A., CSU Fresno
M.S., CSU Fresno
Ed. D., CSU Stanislaus

CARMEN BOWEN

Earth Science/Physical Science
Certificate, American River College
B.A., M.A., University of Al
B.A., M.A., Bucharest University
M.A., CSU Sacramento

DENICE BURBACH

Early Childhood Education/Coordinator
B.S., Pacific Union College
M.A., Pacific Oaks College

SUJAN BURGESSON

Humanities/Philosophy
B.A., M.A., CSU Sacramento
PhD., Theological Graduate Union

ERICK BURNS

Director of Kinesiology, Health, Athletics
A.A., Misison College
B.S., CSU Sacramento
M.S.S., United States Sports Academy

KOREY CHAMPE

Earth Science/Physical Science
B.A., CSU Chico
M.S. South Dakota University

TALWINDER CHETRA

Mathematics
B.S., Panjab University
B.Ed., M.S., Guru Nanak Dev University

BRIAN CONDREY

English
B.A., M.A., CSU Chico

DANIEL CONSOER

Biology
B.S., Iowa State University
M.S., Louisiana State University
Ph.D., University of Minnesota

WILLIAM COOK

English as a Second Language
B.A., Briar Cliff University
M.A., St. Michael's College

DOUGLAS CORNELIUS

Kinesiology, Health, and Athletics
A.A., College of the Siskiyous
B.S., CSU Sacramento
M.A., St. Mary's College

MARK COVINGTON

Director, Public Safety
A.A., Yuba College
B.A., CSU Sacramento
M.A., St. Mary's of California

DR. SAMANTHA DANA

Vice President of Instruction
B.A., University of Massachusetts - Amherst
M.S., Johns Hopkins University
Ed.D., Oregon State University

SIMONE DANIELS

Psychiatric Technology
A.S., Sierra College
B.A., CSU Sacramento
B.S.N., Samuel Merritt University
M.S.N. PMHNP, Western University of Health Sciences

ALAN DIXON

Dean, Career Technical Education, Workforce Development, Health, Public Safety, Social Sciences and Education
B.A., B.S., UC Davis
M.B.A., University of Phoenix
D.M., University of Phoenix

LORE DOBUSCH

Counselor—EOPS/CARE
B.S., M.S., CSU Sacramento

CASSANDRA DULIN

English
B.S., Ed.D., University of Pacific
M.A., CSU Stanislaus
Ph.D., University of Texas

CLAIRE EBERHARDT

History
B.A. Oregon State University
M.A., M.A., Sacramento State University

Academic Faculty and Administrators (cont'd)

ELENA FLACKS

Librarian

B.A. International University
MALS, Dartmouth College;
MLIS, Wayne State University
Ed.D., Drexel University

MARC FLACKS

Sociology

B.A., Wesleyan University
M.A., Ph.D., UC Santa Cruz

MARTHA FLOTTE

Nursing

A.S., Golden West College
B.S., M.S., Western Governor's University

SHAWN FREDERKING

English

B.A., M.A., CSU Chico
TESOL, UC Santa Barbara

CARLOS GAMEZ, JR.

Dean, Student Success

B.S., San Jose State University
M.B.A., Santa Clara University

LYNETTE GARCIA

Nursing

A.S., A.D.N., Yuba College
B.S.N., CSU Chico
M.S.N. Ed., University of Phoenix

JAMES GILBREATH

Theatre Arts

B.A., M.A., Royal Central School
of Speech and Drama

RAJAN GILL

History

A.A., Yuba College
B.A., UC Davis
M.A., UC Santa Cruz

MARTIN GUTIERREZ

Director, Financial Aid and Veterans

A.S., Yuba College
B.S., CSU Chico
M.B.A., National University

MELISSA HA

Biology

B.S., M.S., CSU Chico

TARA HARLAN

Director, Academic Excellence

A.A., B.A., Christian Life College
B.A., M.D., National University
Ed.D., Concordia University Chicago

PRISCILLA HERNANDEZ

Counselor—CalWORKs

B.A., Loyola Marymount
M.S., CSU Los Angeles

LISA JENSEN-MARTIN

Psychology

A.A., Yuba College
B.A., M.A., CSU Sacramento

BRIAN JUKES

English

B.A., M.A., CSU Sacramento

KYOKO KISHIMOTO

Ethnic Studies

B.A., M.A., University of Tokyo
M.A., Ph.D., Bowling Green University

KIARA KOENIG

English

B.A., M.A., M.F.A., CSU Chico

MARCI LANG

Director, Disabled Students Programs & Services

A.A., Feather River College
B.A., CSU Chico
M.A., San Diego State University

PAO LEE

Counselor

B.A., M.S., CSU Sacramento

MARK LYDON

Mathematics

B.S., CSU San Luis Obispo
Ph.D., UC Davis

KARISSA MARINO MOREHOUSE

Interim President

BS Human Development &
Psychology, Cal Poly SLO
M.A. Social Science, Chico State

KYLE MATHIS

Veterinary Technology/Coordinator

B.A., UC Santa Cruz
D.V.M., UC Davis

KATHLEEN MATTHEWS

Nursing

B.S.N., Point Loma Nazarene
University
M.S.N., Olivet Nazarene University

ANDREW MILLER

Biology

B.S., CSU Sacramento
M.S., Utah State University

CARRIE MEHLERT

Director, Health and Medical Career Programs

A.D.N., Merced College
B.A., CSU Sacramento
M.S.N., Grand Canyon University

Academic Faculty and Adminstrators (cont'd)

KYRA MELLO

English

B.A., M.A., CSU Chico

YULIANA MENDEZ

General Business

B.A., CSU Sacramento

M.B.A., University of Southern California

PHILLIP MILKS

Automotive

A.S., Fresno City College

JOSE RAMON MUNOZ

Spanish

B.A., CSU Chico

M.A., CSU Sacramento

CHRISTOPHER MYERS

Business

B.S., CSU San Jose

M.B.A., National University

ANGELICA MUNOZ

Director, Enrollment Services

A.S., Yuba College

B.A., Chapman University

DYLAN NOACK

Mathematics

B.S., UC Santa Barbara

M.S., Ph.D., UC Riverside

CHRISTOPHER NOFFSINGER

Mathematics

B.A., M.S., University of Colorado

M.A., UC Santa Barbara

ERIKA NOFFSINGER

Mathematics

A.A., Marymount College

B.S., UC Santa Cruz

M.S., University of Colorado

GEORGANNA O'KEEFE-SCHWERING

Counselor—DSPS

B.A., M.S., CSU Sacramento

ZACHERY O'NEILL

English

B.A., UC Santa Barbara

M.A., CSU Sacramento

M.F.A., University of South Carolina

CANDACE OCEL

Nursing

A.D.N., Itawamba Community College

B.S.N., University North Alabama

M.S.N., FNP, Sonoma State University

KEVIN ORTON

Chemistry

B.A., CSU Sacramento

M.S., Ph.D., UC Riverside

JOSHUA PITTENGER

Biology

B.S., Ph.D., UC Davis

CARON QUALLS

Counseling

B.S., UC Davis

M.A., CSU Fresno

JOEL RAMIREZ

Director, EOPS/CARE/NextUp/CalWORKs

B.A., M.A., CSU Chico

Ed. D., CSU Sacramento

KATHERIN RAZO-GOMEZ

Director, Student Support Programs

B.A., CSU Monterey

M.A., San Jose State University

STEPHANIE REYNOLDS

Kinesiology, Health, Athletics

B.A., CSU Chico

M.A., Emporia State University

NICOLASA RODRIGUEZ

Ethnic Studies

B.A., Sacramento State University

M.A., San Jose State University

SUZANNE RUCKLE

Speech

B.A., M.A., CSU Chico

FATIMA RUIZ

Counselor

B.A., CSU Chico

M.S., CSU Sacramento

Academic Faculty and Administrators (cont'd)

CYNTHIA SARGENT*Instructional Design Resource*

B.S., CSU Chico

M.S., CSU Monterey Bay

NATHAN SCHEMEL*Mass Communications*

A.A., American River College

B.A., CSU Northridge

M.B.A., CSU Sacramento

MERIDITH SELDEN*Psychology*

B.A., Pacific Lutheran University

M.S., Ph.D., Kansas State University

MUKTA SHARMA*Mathematics*

B.S., B.Ed., M.S., Guru Nanak Dev University

TRAVIS SMITH*History*

B.A., San Jose State University

M.A., CSU Sacramento;

Ph.D., UC Santa Barbara

PAIGE SNESO*Psychology*

A.A., A.D.T., A.S., Yuba College

B.A., UC Davis

M.A., CSU Sacramento

HARINDER SOHAL*Nursing*

A.D.N., American River College

B.S.N., CSU Chico

M.S.N., University of Phoenix

KARSTEN STEMMANN*Mathematics*

B.A., University of Ulm

M.S., Ph.D., University of Southern California

JEFFREY STOLLBERG*Biology*

A.A., Diablo Valley College

B.A., M.A., M.S., CSU Chico

JOHN THOO*Mathematics*

A.S., Cabrillo College

A.B., UC Berkeley

M.A., Ph.D., UC Davis

DANIEL TURNER*Welding*

B.S., UC Davis

M.S., Drexel University

AYA UEDA*Music*

B.M., M.M., University of the Pacific

M.M., Yale University;

D.M., Indiana University

MARK URBAN*Director of Institutional Effectiveness*

M.A., University of Texas El Paso

KRISTINA VANNUCCI*Dean, Arts, Language, and Communication*

B.S., UC Davis;

M.A., University of Phoenix

BRIAN VIZZUSI*Administration of Justice*

B.S., CSU Long Beach

CARRIE WASINGER*English*

B.A., Pomona College

M.A., Ph.D., Northwestern

KING XIONG*Dean, Student Development*

B.A., UC Berkeley

M.A., CSU Sacramento

Ed.D., CSU Sacramento

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Appendix A

Advanced Placement (AP) Exam

<i>AP Exam (with a score of 3,4, or 5)</i>	<i>YC Course Equivalent</i>	<i>YC GE Area Credit</i>	<i>YC Semester Units</i>	<i>CSU Semester Units for CSU Admission</i>	<i>UC Quarter Units for UC Admission</i>	<i>Cal-GETC Area</i>
African American Studies	N/A	N/A	N/A	3	4	N/A
2-D Art and Design	ART 6A	N/A	3	3	8Q*	N/A
3-D Art and Design	ART 6B	N/A	3	3	8Q*	N/A
Art History	ART 1A	Area 3: Arts and Humanities	3	6	8	Area 3A or Area 3B
Biology	BIOL 10L	Area 5: Natural Sciences	4	6	8	Area 5B and Area 5C
Calculus AB	MATH 1A	Area 2: Mathematical Concepts and Quantitative Reasoning	4	3	4*	Area 2
Calculus BC	MATH 1A and MATH 1B	Area 2: Mathematical Concepts and Quantitative Reasoning	8	6	8*	Area 2
Calculus BC/AB sub score	MATH 1A	Area 2: Mathematical Concepts and Quantitative Reasoning	4	3	4*	Area 2
Chemistry	CHEM 2A	Area 5: Natural Sciences	5	6	8	Area 5A and Area 5C
Chinese Language and Culture	N/A	Area 3: Arts and Humanities	8	6	8	Area 3B
Comparative Government and Politics	POLSC 2	Area 4: Social and Behavioral Sciences	3	3	4	Area 4
Computer Science A	COMSC 6	N/A	3	3	8	N/A
Computer Science Principles	COMSC 6	N/A	3	6	8	N/A
Drawing	ART 4A	N/A	3	3	8Q*	N/A
English Language and Composition	ENGL C1000	Area 1A; English Composition	4	6	8** (8 units max if both English exams taken)	Area 1A: English Composition
English Literature and Composition	N/A	Area 1A: English Composition and Area 3: Arts and Humanities	7	6	8** (8 units max if both English exams taken)	Area 1A: English Composition or Area 3B: Humanities
Environmental Science	ECOL 10 and ECOL 11	Area 5: Natural Sciences	4	4	4	Area 5A: Physical Science and Area 5C: Laboratory
European History	HIST 4A and HIST 4B	Area 4: Social and Behavioral Sciences	6	6	8	Area 3B: Humanities or Area 4: Social and Behavioral Sciences
French Language and Culture	FRNCH 1	Area 3: Arts and Humanities	8	6	8	Area 3B: Humanities
German Language and Culture	GE credit	Area 3: Arts and Humanities	8	6	8	Area 3B: Humanities
Human Geography	N/A	Area 4: Social and Behavioral Sciences	3	3	4	Area 4: Social and Behavioral Sciences
Italian Language and Culture	N/A	Area 3: Arts and Humanities	8	6	8	Area 3B: Humanities
Japanese Language and Culture	N/A	Area 3: Arts and Humanities	8	6	8	Area 3B: Humanities
Latin	N/A	Area 3: Arts and Humanities	8	6	8	Area 3B: Humanities
Macroeconomics	ECON 1A	Area 4: Social and Behavioral Sciences	3	3	4	Area 4: Social and Behavioral Sciences

(AP Exam con'td)

AP Exam (with a score of 3,4, or 5)	YC Course Equivalent	YC GE Area Credit	YC Semester Units	CSU Semester Units for CSU Admission	UC Quarter Units for UC Admission	Cal-GETC Area
Microeconomics	ECON 1B	Area 4: Social and Behavioral Sciences	3	3	4	Area 4: Social and Behavioral Sciences
Physics 1: Algebra-based	PHYS 2A and PHYS 3A	Area 5: Natural Sciences	4	4	8*	Area 5A: Physical Science and Area 5C: Laboratory
Physics 2: Algebra-based	PHYS 2A and PHYS 3A	Area 5: Natural Sciences	4	4	8*	Area 5A: Physical Science and Area 5C: Laboratory
Physics C: Electricity/Magnetism	PHYS 4B	Area 5: Natural Sciences	4	4	4*	Area 5A: Physical Science and Area 5C: Laboratory
Physics C: Mechanics	PHYS 4A	Area 5: Natural Sciences	4	4	4*	Area 5A: Physical Science and Area 5C: Laboratory
Precalculus	MATH 20 and MATH 21	Area 2: Mathematical Concepts and Quantitative Reasoning	8	3	N/A	N/A
Psychology	PSYCH C1000	Area 4: Social and Behavioral Sciences	3	3	4	Area 4: Social and Behavioral Sciences
Seminar	N/A	N/A	3	3	N/A	N/A
Spanish Language and Culture	SPAN 1 and SPAN 2	Area 3: Arts and Humanities	8	6	8	Area 3B: Humanities
Spanish Literature and Culture	SPAN 3 and SPAN 4	Area 3: Arts and Humanities	8	6	8	Area 3B: Humanities
Statistics	STAT C1000	Area 2: Mathematical Concepts and Quantitative Reasoning	4	3	4	Area 2: Mathematical Concepts and Quantitative Reasoning
U.S. Government and Politics	POLS C1000	Area 4: Social and Behavioral Sciences	3	3***	4	Area 4: Social and Behavioral Sciences
U.S. History	HIST 17A and HIST 17B	Area 4: Social and Behavioral Sciences	6	6****	8	Area 3B: Humanities or Area 4: Social and Behavioral Sciences
World History: Modern	HIST 5A and HIST 5B	Area 4: Social and Behavioral Sciences	6	3	8	Area 3B: Humanities or Area 4: Social and Behavioral Sciences

Notes:

*Maximum of 8 Quarter units for all related exams.

**Only one of the two English courses required for admission may be satisfied with an AP exam score.

***Meets CSU graduation requirement US 2: US Constitution and Government.

****Meets CSU graduation requirement US 1: Historical Development of American Institutions and Ideals.

AP exams in languages other than English will satisfy the Language Other Than English graduation requirement for University of California.

Appendix B

College Level Examination Program (CLEP)

<i>College Level Examination Program (CLEP)</i>	<i>Min. Score</i>	<i>YC Course Equiv.</i>	<i>YC GE Area Credit</i>	<i>YC Units</i>	<i>CSU Units For Admission</i>
American Government	50	POLS C1000	Area 4: Social and Behavioral Sciences	3	3
American Literature	50	N/A	Area 3: Arts and Humanities	3	3
Analyzing and Interpreting Literature	50	N/A	Area 3: Arts and Humanities	3	3
Biology	50	BIOL 10	Area 5: Natural Sciences	3	3
Calculus	50	MATH 1A	Area 2: Mathematical Concepts and Quantitative Reasoning	4	3
Chemistry	50	CHEM 10	Area 5: Natural Sciences	3	3
College Algebra	50	MATH 20	Area 2: Mathematical Concepts and Quantitative Reasoning	4	3
College Algebra-Trigonometry	50	MATH 21	Area 2: Mathematical Concepts and Quantitative Reasoning	4	3
College Composition	50	N/A	N/A	0	0
College Composition-Modular	50	N/A	N/A	0	0
College Mathematics	50	N/A	N/A	0	0
English Composition (no essay)	50	N/A	N/A	0	0
English Composition with essay	50	N/A	N/A	0	0
Financial Accounting	50	N/A	N/A	0	3
French Level I	50	N/A	N/A	0	6
French Level II	59	FRNCH 1 and FRNCH 2	Area 3: Arts and Humanities	8	9
Freshman College Composition	50	N/A	N/A	0	0
German Level I	50	N/A	N/A	0	6
German Level II	60	N/A	Area 3: Arts and Humanities	3	9
History, United States I	50	HIST 17A	Area 4: Social and Behavioral Sciences	3	3
History, United States II	50	HIST 17B	Area 4: Social and Behavioral Sciences	3	3
Human Growth and Development	50	N/A	Area 4: Social and Behavioral Sciences	3	3
Humanities	50	N/A	Area 3: Arts and Humanities	3	3
Information Systems and Computer Applications	50	N/A	N/A	0	3
Introduction to Educational Psychology	50	N/A	N/A	0	3
Introductory Business Law	50	N/A	N/A	0	3
Introductory Psychology	50	N/A	Area 4: Social and Behavioral Sciences	3	3
Introductory Sociology	50	N/A	Area 4: Social and Behavioral Sciences	3	3
Natural Sciences	50	N/A	Area 5: Natural Sciences	3	3
Pre-Calculus	50	N/A	Area 2: Mathematical Concepts and Quantitative Reasoning	3	3
Principles of Accounting	50	N/A	N/A	0	3
Principles of Macroeconomics	50	N/A	Area 4: Social and Behavioral Sciences	3	3
Principles of Management	50	N/A	N/A	0	3
Principles of Marketing	50	N/A	N/A	0	3
Principles of Microeconomics	50	N/A	Area 4: Social and Behavioral Sciences	3	3
Social Sciences and History	50	N/A	N/A	0	0
Spanish Level I	50	N/A	N/A	0	6
Spanish Level II	63	SPAN 1 and SPAN 2	Area 3: Arts and Humanities	8	9
Spanish and Writing I	50	N/A	N/A	0	6
Spanish and Writing II	63	SPAN 1 and SPAN 2	Area 3: Arts and Humanities	8	9
Western Civilization I	50	HIST 4A	Area 3: Arts and Humanities OR Area 4: Social and Behavioral Sciences	3	3
Western Civilization II	50	HIST 4B	Area 4: Social and Behavioral Sciences	3	3

Notes:

UC does not accept CLEP credit.

Cal-GETC does not accept CLEP examination credit.

Appendix C

International Baccalaureate (IB) Exam

<i>International Baccalaureate High Level Exam</i>	<i>Min. Score</i>	<i>YC Course Equivalent</i>	<i>YC GE Area Credit</i>	<i>YC Units</i>	<i>CSU Units for Admis</i>	<i>Cal-GETC Area</i>	<i>Cal-GETC Units</i>	<i>UC Quarter Units With score of 5 or higher</i>
Biology HL	5	BIOL 10L or BIOL 15	Area 5: Natural Sciences	4	6	5B	3	8
Chemistry HL	5	N/A	Area 5: Natural Sciences	3	6	5A	3	8
Economics HL	5	N/A	Area 4: Social and Behavioral Sciences	3	6	4	3	8
Geography HL	5	N/A	Area 4: Social and Behavioral Sciences	3	6	4	3	8
History (any region) HL	5	N/A	Area 4: Social and Behavioral Sciences or Area 3: Arts and Humanities	3	6	3B or 4	3	8
Language A: Literature (any language except English) HL	5	N/A	Area 3: Arts and Humanities	3	6	3B	3	8
Language A: Language and Literature (any language except English) HL	5	N/A	Area 3: Arts and Humanities	3	6	3B	3	8
Language B: Language (any language) HL	5	N/A	N/A	N/A	6	3B	3	8
Mathematics: Analysis and Approaches HL	4	N/A	Area 2: Mathematical Concepts and Quantitative Reasoning	3	6	2	3	8
Mathematics: Applications and Interpretation HL	4	N/A	Area 2: Mathematical Concepts and Quantitative Reasoning	3	6	2 (may not be at all UC)	3	8
Physics HL	5	N/A	Area 5: Natural Sciences	3	6	5A	3	8
Psychology HL	5	N/A	Area 4: Social and Behavioral Sciences	3	3	4	3	8
Theater HL	4	N/A	Area 3: Arts and Humanities	3	6	3A	3	8

Yuba College Local Associate Degree Graduation Requirements

YUBA COLLEGE – GRADUATION REQUIREMENTS CHECK LIST – 2026/2027					
Student's Name:		Catalog Year:			
Student ID#/Email		@go.yccd.edu	Date:		
GENERAL EDUCATION REQUIREMENT: All students must complete a least 21 units of general education, selecting at least 3 semester units each from Areas 1A, 1B, 2, 3, 4, 5, and 6 below with a grade of "D" or better.					Key: C-Completed IP-In Progress N -Need
AREA 1. ENGLISH COMPOSITION, ORAL COMMUNICATION AND CRITICAL THINKING					
1A. ENGLISH COMPOSITION (Minimum 3 semester units)					
Course	College	AP/IB	C	IP	N
ENGL C1000, C1000E					
ESL 1A					
1B. ORAL COMMUNICATION AND CRITICAL THINKING (Minimum 3 semester units)					
Course	College	AP/IB	C	IP	N
COMM C1000	PHIL 12				
ENGL C1001, C1003	SPECH 3, 6, 7				
AREA 2. MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING (Minimum 3 semester units)					
Course	College	AP/IB	C	IP	N
MATH 1A, 1B, 1C, 2, 3, 7, 7S, 9,	PSYCH 6				
10, 15, 16, 20, 21	STAT C1000				
AREA 3. ARTS AND HUMANITIES (Minimum 3 semester units)					
Course	College	AP/IB	C	IP	N
ART 3A, 3B, 5, 20, 21	FTVE 2	PHOTO 22			
ARTH C1100, C1200	FRNCH 1, 2	SIGN 1, 2			
ASIAN 31	HUMAN 5, 10, 11, 20, 31, 34	SPAN 1, 2, 20A, 20B			
ECE 39	MUSIC 1, 1A, 3, 8A, 8B, 12, 15,	SPECH 2			
ENGL C1003, 30A, 30B, 31A, 34,	16, 17, 18	THART 10, 33, 34			
36, 37, 38, 39, 42, 46A, 46B	PHIL 1, 2, 3, 20				
AREA 4. SOCIAL AND BEHAVIORAL SCIENCES (Minimum 3 semester units)					
Course	College	AP/IB	C	IP	N
AJ 10	GEOG 5	POLSC 2, 3 ,6, 7			
ANTHR 2	HIST C1001, C1002, 4A, 4B	PSYC C1000			
ECE 3, 31	5A, 5B, 7, 14, 15, 16A, 16B, 29	PSYCH 7, 12, 22, 33, 41, 46			
ECON C2001, C2002	PHIL 6	SOCIL 1, 2, 5, 6, 10			
ETHN 1, 4, 11	POLS C1000	SPECH 8			
AREA 5. NATURAL SCIENCES (Minimum 3 semester units)					
Course	College	AP/IB	C	IP	N
AG 45	CHEM 1A, 1B, 2A, 10	PHYSC 10B			
ANTHR 1	ECOL 10, 12	PHYS 2A, 2B, 4A, 4B			
ASTRO 1	GEOG 1, 6	PLSCI 20, 22			
BIOL 1, 10, 10L, 15, 24,	GEOL 8, 10L, 11L, 12, 20				
24L, 25					
AREA 6. ETHNIC STUDIES (Minimum 3 semester units)					
Course	College	AP/IB	C	IP	N
ETHN 1, 11					

(Yuba College local Associate Degree Graduation Requirements, cont'd)

MAJOR REQUIREMENT: All students must complete the designated degree major courses with a grade of "C" or better. Majors are listed in the sections headed "Yuba College Degrees and Certificates" and in the "Program and Courses" of the catalog.

DEGREE MAJOR: _____

HEALTH GRADUATION REQUIREMENT: Complete a minimum of one unit with a grade of "D" or better from:

Course _____ College _____ AP/IB _____ C IP N

HLTH 1, 3, 4, 5, 6, 10, 13

KINES 1.22, 1.25, 1.26, 1.27, 1.31, 1.33, 1.34, 1.36B, 1.37, 1.42, 1.57, 1.57B, 1.58, 1.71, 1.75, 1.76, 1.77, 1.79, 3, 4, 6, 7, 9

NOTE: Students who will be completing degrees in Nursing, Radiologic Technology, Basic Police Academy, Fire Fighter Academy, Fire Technology, LVN to RN Career Mobility, and Veterinary Technology, and students who submit documentation of active military service are exempt from this requirement. This requirement is not based on units or catalog rights.

TOTAL UNIT REQUIREMENT: All students are required to complete a minimum of 60 semester units in lower division associate degree level courses with at least a 2.0 ("C") grade point average. The grade point average calculated for associate degree purposes only counts units and grade points earned in associate degree level classes (courses numbered 1-99 and C1000-C2999).

Non-associate degree credit courses (numbered 100-199 and 200-299) completed fall 1989 and thereafter will not count toward the associate degree. For courses completed between July 1, 1983, and July 30, 1989, a maximum of 6 semester units of courses numbered 100-199 may be counted toward this requirement. All courses numbered 200-299 completed prior to fall 1989 may be counted toward this requirement.

RESIDENCY REQUIREMENT: All students are required to complete a minimum of 12 semester units with at least a 2.0 ("C") grade point average in associate degree level classes at Yuba Community College District.

GRADUATION APPLICATION REQUIREMENT: Students earning an AA or AS degree must apply for the degree by completing a petition for graduation on Self-Service online. Courses may be in progress at the time of application for the degree. The deadlines are as follows: November 15 for fall completion of the degree; April 15 for spring completion of the degree; July 1 for summer completion of the AA/AS degree. Students graduating in Summer who want to participate in ceremonies need to apply by April 15th. Submit graduation petition for completion in the following terms no later than:

FALL-November 15

SPRING-April 15

SUMMER-July 1

Additional Associate Degrees: An *Associate in Arts* or *Associate in Science* degree will be awarded to those already possessing an associate degree, subject to the following conditions:

1. All requirements in a different major from that of previous associate degree(s) must be satisfied. The major will be printed on the degree.
2. All general education requirements in effect at the time of beginning the new degree program must be satisfied. After meeting the above conditions, a student may petition for any degree for which graduation requirements have been met.

Counselor Signature: _____ Student Signature: _____



AREA 3 – ARTS AND HUMANITIES (2 courses; 6 semester units) <u>ONE</u> Arts and <u>ONE</u> Humanities.	Units Completed
3A. ARTS: ART 3A, 3B, 5; ARTH C1100, C1200, ASIAN 31; ENGL 34; HUMAN 5, 31, 34; MUSIC 3, 8A, 8B, 12, 15, 16, 17, 18; PHOTO 22; THART 10, 33, 34 Course: _____ College: _____ AP/IB: _____	
3B. HUMANITIES: ART 20, 21; ASIAN 31; ENGL C1003, 30A, 30B, 36, 37, 38, 42, 46A, 46B; HIST C1001, C1002, 4A, 4B, 5A, 5B, 7, 16A, 16B; HUMAN 10, 11, 20, 31; MUSIC 1A, 1B; PHIL 1, 2, 3, 6, 20; POLSC 6; SPAN 2, 20A, 20B; THART 33 Course: _____ College: _____ AP/IB: _____	

(Cal-GETC Advising Sheet cont'd)

AREA 4 – SOCIAL AND BEHAVIORAL SCIENCES (2 courses; 6 semester units) from TWO disciplines	Units Completed
ANTHR 2; ECE 3, 31; ECON C2001, C2002; ENGL 39; ETHN 1, 4, 11; GEOG 5; HIST C1001, C1002, 5A, 5B, 7, 14, 15, 16A, 16B, 29; PHIL 6; POLS C1000; POLSC 2, 3, 6, 7; PSYC C1000; PSYCH 7, 12, 22, 33, 41, 46; SOCIL 1, 2, 5, 6, 10; SPECH 8	
Course: _____ College: _____ AP/IB: _____	
Course: _____ College: _____ AP/IB: _____	

AREA 5 - PHYSICAL AND BIOLOGICAL SCIENCES (2 courses; 7 semester units) <u>ONE</u> Physical Science course and <u>ONE</u> Biological Science course; At least one of the courses must include a Laboratory.	Units Completed
5A. PHYSICAL SCIENCE: ASTRO 1; CHEM 1A, 1B, 2A, 10, 18A, 18B; GEOG 1, 6; GEOL 8, 10L, 11L, 12, 20; PHYS 2A, 2B, 4A, 4B, 4C; PHYSC 10B	
Course: _____ College: _____ AP/IB: _____	
5B. BIOLOGICAL SCIENCE: ANTHR 1; BIOL 1, 2, 3, 4, 5, 6, 10, 10L, 15, 24, 24L, 25; ECOL 10; PLSCI 20, 22	
Course: _____ College: _____ AP/IB: _____	
5C. LABORATORY: ASTRO 1A; BIOL 1, 2, 3, 4, 5, 6, 10L, 11, 15, 24L; CHEM 1A, 1B, 2A, 18A, 18B; ECOL 11; GEOG 1L; GEOL 8L, 10L, 11L; PHYS 3A, 3B, 4A, 4B, 4C; PHYSC 10C; PLSCI 20A, 22A	
Course: _____ College: _____ AP/IB: _____	

AREA 6. ETHNIC STUDIES (1 course; 3 semester units)	Units Completed
ETHN 1, 11	
Course: _____ College: _____ (AP/IB not accepted)	

NOT PART of Cal-GETC – UC GRADUATION REQUIREMENT: LANGUAGE OTHER THAN ENGLISH (LOTE) (Proficiency equivalent to two years of High School study in the same language)	Completed
☐ Completion of two years of high school study in the same language with a grade of "C-" or better in each course. ☐ Satisfactory score on the AP or IB examinations in languages other than English. ☐ Verification from a regionally accredited college or university faculty member asserting the student has mastered a language other than English equivalent to 2 yrs. of high school level language. ☐ Satisfactory completion of a course (or courses) at a college or university with a grade of "C" or better in each course: FRNCH 2; SIGN 2; SPAN 2, 20A, 20B	
See a counselor for other options to complete this requirement.	

NOT PART of Cal-GETC – CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION & AMERICAN IDEALS	Completed
US 1: Historical Development of American Institutions & Ideals: HIST C1001, C1002, 16A, 16B, 29 (US-1 may be completed with a score of 3 or higher on AP US History)	
US 2: US Constitution and Government: POLS C1000 (US-2 (but not US-3) may be completed with a score of 3 or higher on AP US Government and Politics)	
US 3: California State and Local Government: POLS C1000; POLSC 3	

Yuba College

2088 N Beale Rd, Marysville, CA 95901



LEGEND

- Start Here
- ADA Entrance
- ADA Parking
- ADA Ramp
- AED Locations
- Bookstore
- Child Care
- Concessions
- Dance Studio
- Entrance
- Fire Tower
- Food
- Gender Neutral Restroom
- Hydration Station
- IT Department
- Lactation Room
- Locker Room
- Phone Charging Station
- Parking
- Police Department
- Restroom
- Seating Area
- Solar Table Seating Area
- Theatre
- Yuba-Sutter Transit
- Weight Room



100B Admissions and Records
Basic Needs/Pantry
Counseling
EOPS/CARE/NextUp and CalWORKs
Financial Aid
Puente
Testing

300  ASYC/Student Government
Bookstore
Cafeteria
Campus Life
Identity and Engagement Center
MESA
TRiQ

600 Advance Manufacturing Automotive

725 Veteran Resource Center

800 Life & Physical Sciences

1000 Fine Arts
Language Arts

1100  College Success Center
Development Center
Distributive Education Center/ITV
Library
Mass Communications
Media Services
Writing & Language
Development Center

1200  Athletics & Gymnasium

1400 IT Department
Maintenance

1600 Child Development Center
Police Department

1700 Veterinary Tech

1800 Disabled Student Services

2000 Adaptive Physical Education

2100  Administration of Justice
Business
Fire Technology
Nursing
Radiologic Technology

3000 Classrooms

Yuba College

Yuba College does not discriminate on the basis of race, color, national origin, sex (gender), physical and mental disability, age, sexual orientation, religion, medical condition, ancestry, or marital status in any of its policies, procedures, or practices, nor does it tolerate sexual harassment, in compliance with the Americans with Disabilities Act of 1991, Title VI of the Civil Rights Act of 1964 (pertaining to race, color, and national origin), Title IX of the Education Amendments of 1972 (pertaining to sex), Section 504 of the Rehabilitation Act of 1973 (pertaining to handicap), and Age Discrimination Act of 1975 (pertaining to age). This nondiscrimination policy covers admission and access to, and treatment and employment in, the College's programs and activities.

