

Yuba
College

COLLEGE
CATALOG
2023
2024



**WE ARE
#YCPROUD**

A PUBLIC COMMUNITY COLLEGE IN ITS NINETY SIXTH YEAR OF SERVICE

Accredited by the Western Association of Schools and 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.



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This catalog is in effect from August 2023 - July 2024.

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 Semester Class Schedule prior to registration each term (Fall 2023 and Spring 2024).

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**.

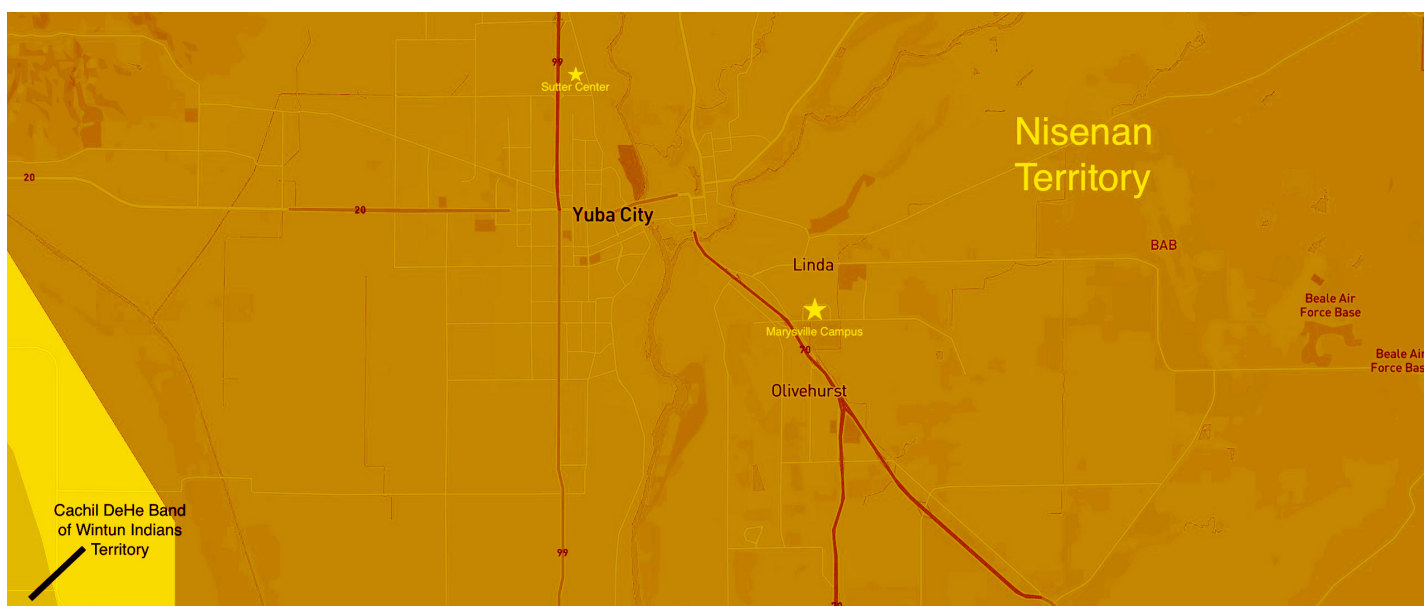


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District Calendar

2023-24

Summer 2023

June 12	Summer Session 2023 commences for regular six-week summer classes
June 14	Last day to add a class/register for classes
June 19	Academic and administrative holiday – Juneteenth (Monday)
June 20	*Refund deadline for six-week classes
June 20	*Last day to drop class(es) to prevent “W” grade(s) on permanent record for six- week classes
June 20	*Census date for six-week classes
July 3	Deadline to apply for summer 2023 graduation
July 4	Academic and administrative holiday – Independence Day (Tuesday)
July 6	*Last day to drop a class with a “W” for six-week classes
July 20	Regular six-week classes end
August 3	Eight-week classes end

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

FALL 2023

August 9	CONVOCATION – CAMPUS CLOSED
August 10-11	Professional Development Days (optional flex activities) – NO CLASSES
August 14	INSTRUCTION BEGINS FOR FALL SEMESTER
August 18	** Last day to add courses or register without special permission
August 25	** Last day to be eligible for refund of enrollment, parking, student health fee, and non-resident tuition
September 1	Instructors are to drop No Shows for Census Roster Clearance
September 1	** Last day to drop class(es) to prevent “W” grade(s) on permanent record
September 2	Cal Grant deadline
September 4	Academic and administrative holiday – Labor Day (Monday)
September 5	Census date for full-term classes (Tuesday)
September 15	** Last day to elect Pass/No Pass grading option
September 18	Constitution Day (observance) – activities to be announced
September 26	Professional Development Day (optional flex activities) – NO CLASSES
October 25	Professional Development Day (optional flex activities) – NO CLASSES
November 9	** Last day to drop class(es) with a “W” grade on permanent record (Thursday)
November 10	Academic and administrative holiday – Veterans Day observed (Friday)
November 13	Priority registration begins for spring 2024
November 15	Deadline to apply for fall 2023 graduation
November 23-24	Academic and administrative holiday – Thanksgiving (Thursday – Friday)
December 4-15	Limited extracurricular student activities
December 11-15	Final examination period
December 15	Conclusion of fall semester
December 20	Grades from instructors are due for fall 2023 semester
December 22 – Jan 1	Winter recess – all offices CLOSED

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

Spring 2024

January 15	Academic and administrative holiday – Martin Luther King Day observance (Monday)
January 16-19	Professional Development Days (optional flex activities) – NO CLASSES
January 22	INSTRUCTION BEGINS FOR SPRING SEMESTER
January 26	**Last day to add courses or register without special permission
February 2	**Last day to be eligible for refund of enrollment, parking, student health fee, and non-resident tuition
February 2	Instructors are to drop No Shows for Census Roster Clearance
February 2	**Last day to drop class(es) without a “W” grade on permanent record
February 5	Census date for full-term classes
February 16	Academic and administrative holiday – Lincoln’s Birthday observance (Friday)
February 19	Academic and administrative holiday – Washington’s Birthday observance (Monday)
February 23	**Last day to elect Pass/No Pass grading option
March 2	Cal Grant deadline – Free Application for Federal Student Aid (FAFSA) completed and submitted to the federal government to determine Cal Grant eligibility and federal aid priority funding
April 1	Administrative holiday (Monday)
April 1-5	Spring recess; academic holidays (Monday-Friday)
April 4-5	Administrative holiday (Thursday-Friday)
April 15	Deadline to apply for spring 2024 graduation
April 26	**Last day to drop class(es) with a “W” grade on permanent record
April 29	Priority registration begins for summer and fall 2024
May 13-24	Limited extracurricular student activities
May 20-24	Final examination period
May 24	Commencement ceremonies
May 24	Conclusion of spring semester
May 27	Academic and administrative holiday – Memorial Day observance (Monday)
May 30	Grades from instructors are due for spring 2024 semester

Summer 2024

June 10	Summer Session 2024 commences (regular 6-week summer classes will end on July 18; other classes have different dates)
June 19	Academic and administrative holiday – Juneteenth (Wednesday)
July 1	Deadline to apply for summer 2024 graduation
July 4	Academic and administrative holiday – Independence Day observed (Thursday)

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

**Yuba Community College District
2023-24**

Revised on 11/10/2022 to add Juneteenth (June 19) as a mandatory holiday

June 2023						
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	

July 2023						
Su	Mo	Tu	We	Th	Fr	Sa
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August 2023						
Su	M	Tu	W	Th	F	Sa
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20	21	22	23	24	25	26
27	28	29	30	31		

September 2023						
Su	Mo	Tu	We	Th	Fr	Sa
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October 2023						
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	31				

November 2023						
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		

December 2023						
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						

SUMMER SESSION 2023
First 6 Weeks: 6/12 - 7/20
8 Weeks: 6/12 - 8/3

FALL SEMESTER 2023
Full-Term: 8/14 - 12/15
Finals Week: 12/11 - 12/15
First 9 Weeks: 8/14 - 10/12
Last 9 Weeks: 10/13 - 12/15

SPRING SEMESTER 2024
Full-Term: 1/22 - 5/24
Finals Week: 5/20 - 5/24
First 9 Weeks: 1/22 - 3/20
Last 9 Weeks: 3/21 - 5/24
Spring Break: 4/1 - 4/5
Commencement: 5/24

CONVOCATION - CAMPUS CLOSED
2023: 8/9

PROFESSIONAL DEVELOPMENT DAYS - NO CLASSES/CAMPUS OPEN (Optional Flex Activities)
2023: 8/10, 8/11, 9/26, 10/25
2024: 1/16-1/19

CAMPUS CLOSED
2023: 6/9, 6/16, 6/23, 6/30, 7/7, 7/14, 7/21, 7/28
2024: 6/7, 6/14, 6/21, 6/28, 7/5, 7/12, 7/19, 7/26

HOLIDAYS - CAMPUS CLOSED
2023: 6/19, 7/4, 9/4, 11/10, 11/23-11/24, 12/22-12/29
2024: 1/1, 1/15, 2/16, 2/19, 4/1, 4/4, 4/5, 5/27, 6/19, 7/4

NO CLASSES - CAMPUS OPEN
2023: 6/1-6/2, 6/5-6/8, 8/4, 8/7, 8/8, 8/10, 8/11, 9/26, 10/25, 12/18-12/21
2024: 1/2 - 1/5, 1/8 - 1/12, 1/16 - 1/19, 4/2-4/3, 5/28 - 5/31, 6/3 - 6/6, 8/2

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

SUMMER SESSION 2024
First 6 Weeks: 6/10 - 7/18
8 Weeks: 6/10 - 8/1

January 2024						
Su	M	Tu	W	Th	F	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			

February 2024						
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		

March 2024						
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						

April 2024						
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				

May 2024						
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	★	25
26	27	28	29	30	31	

June 2024						
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						

July - August 2024						
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	1	2	3
4	5	6	7	8	9	10

17 17 17 17 16 = 84 days

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!



Dr. Tawny M. Dotson (she/her)

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!



Dr. Tawny M. Dotson (ella)
Presidente, Yuba College



ਯੂਬਾ ਕਾਲਜ ਵਿੱਚ ਤੁਹਾਡਾ ਸੁਆਗਤ ਹੈ

ਸਾਨੂੰ ਖੁਸ਼ੀ ਹੈ ਕਿ ਤੁਸੀਂ ਯੂਬਾ ਕਾਲਜ ਨੂੰ ਆਪਣੇ ਸਿੱਖਿਆ ਮਾਰਗ ਵਜ ਵਜ 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 ਦੇਵ 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 ਭਾਈਚਾਰਿਆਂ ਨਾਲ ਮਿਲ ਕੇ ਕੰਮ ਕਰਦੇ ਹਾਂ ਕਿ ਸਾਡੇ ਵਿਦਿਆਰਥੀ ਸਾਡੇ ਪੇਸ਼ੇਵਰ ਤਕਨੀਕੀ ਪੋਗਰਾਮਾਂ ਨੂੰ ਛੱਡਣ ਤ ਬਾਅਦ ਕੰਮ ਕਰਨ ਲਈ ਤਿਆਰ ਹੋਣਗੇ। ਅਸੀਂ ਤਬਾਦਲੇ ਦੇ ਮੌਕਿਆਂ ਲਈ ਆਪਣੇ ਕੋਰਸਾਂ ਨੂੰ ਇਕਸਾਰ ਕਰਨ ਲਈ ਚਾਰ ਸਾਲਾਂ ਦੀਆਂ ਸੰਸਥਾਵਾਂ ਨਾਲ ਵੀ ਭਾਈਚਾਰੀ ਕਰਦੇ ਹਾਂ। 1927 ਤ, ਅਸੀਂ ਯੂਬਾ/ਸਟਰ ਕਾਉਂਟੀ ਖੇਤਰਾਂ ਦਾ ਹਿੱਸਾ ਰਹੇ ਹਾਂ। ਅਸੀਂ ਪਿਛਲੇ 20 ਸਾਲਾਂ ਵਿੱਚ 12,000 ਤ 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!



Dr. Tawny M. Dotson (ਉਹ/ਉਸਨੂੰ)

ਪ੍ਰਧਾਨ, Yuba College



2022-2024 District Organization

Governing Board

Juan Delgado, President	Trustee Area 4
Susan Alves, Vice President.....	Trustee Area 6
Dr. Jesse Ortiz, Clerk.....	Trustee Area 5
Richard Teagarden	Trustee Area 1
Dennise Burbank.....	Trustee Area 2
Rita Andrews.....	Trustee Area 3
Douglas Harris.....	Trustee Area 7
Arkeisha Johnson-Solomon	Yuba College Student Trustee
Melissa Miller.....	Woodland Community College Student Trustee

District Offices Administration

Chancellor	Dr. Shouan Pan
Vice Chancellor, Educational Planning and Services	Dr. Sonja Lolland
Vice Chancellor, Administrative Services	Kuldeep Kaur
Associate Vice Chancellor of Human Resources.....	Jacob Hurley
Chief, Information Technology Officer.....	Devin Crosby

Yuba College Executive Team

President	Dr. Tawny Dotson
Vice President, Instruction	Dr. Jeremy Brown
Vice President, Student Services	Dr. Tonia Teresh

Instructional Areas

Dr. Jeremy Brown, Vice President

PROGRAMS AND DEPARTMENTS

Accreditation
Adult Education
Distance Education
Dual Enrollment
Institutional Effectiveness

Michael Pomfret

*Interim Director,
Special Programs – Dual Enrollment*

Vacant

*Director,
Institutional Effectiveness*

CTE & Workforce Development

Vacant, Dean

PROGRAMS AND DEPARTMENTS

Accounting
Administration of Justice
Agriculture and Plant Science
Athletics
Automotive Technology
Business
Community Education
Contract Education
Culinary Arts
Drafting
Emergency Medical Technician
Fire Technology
Health Education
Human Services
Kinesiology
Manufacturing Technology
Nursing
Plant Science
Psychiatric Technician
Radiologic Technology
Veterinary Technology
Welding
Work Experience/Internship

Mark Covington

*Director,
Public Safety*

Vacant

*Director,
Health and Medical Career Programs
and Nursing*

Erick Burns

*Director,
Kinesiology, Health, and Athletics*

Arts and Education

Kristina Vannucci, Dean

PROGRAMS AND DEPARTMENTS

Art & Photography
Child Development Center
Early Childhood Education
Education
English
English as a Second Language
French
Library and Learning Resources
Mass Communications
Music
Sign Language
Spanish
Speech
Teaching and Learning Center
Theatre Arts
Tutoring Services

Karen Stanis

*Director,
Child Development Centers,
Foster Kinship Care Education,
and AmeriCORPS*

Vacant

*Director,
Academic Excellence*

STEM and Social Sciences

Dr. Michael Bagley, Dean

PROGRAMS AND DEPARTMENTS

Anthropology
Biology and Ecology
Chemistry
Computer Science
Economics
Ethnic Studies
Geography
Geology
History
Humanities
Mathematics
Philosophy
Physics and Astronomy
Physical Science
Political Science
Psychology
Sociology
Statistics

Student Services Areas

Dr. Tonia Teresh, Vice President

PROGRAMS AND DEPARTMENTS

Admissions and Records
Career Services
Counseling
DSPS
Financial Aid
Student Conduct
Sutter County Center
Testing
Transfer Services
Veterans Services

Cristina Sanchez

*Director,
Counseling*

Marci Lang

*Director,
Disabled Students Programs and Services*

Angelica Munoz

*Interim Director,
Enrollment Services*

Martin Gutierrez

*Director,
Financial Aid and Veterans Services*

Student Success

Anabel Toche, Dean

PROGRAMS AND DEPARTMENTS

Basic Needs
CalWORKS
Campus Life
EOPS/CARE/NextUp
MESA
Puente
Student Engagement and Marketing
Student Government
Student Health Services
TRiO

Eliliana Becerra

*Interim Director,
EOPS/CARE/NextUp and CalWORKS*

Carlos Gamez, Jr.

Director, TRiO

Tony McDaniel

Acting Director, MESA

District Information

Yuba Community College District

The Yuba Community College District was founded in 1927, on a 160-acre site outside of Marysville. In December, 1965, the College District was reorganized to include Colusa, Sutter, and Yuba counties and in 1974-75 to include large portions of Glenn, Lake, and Yolo counties. The District now stretches across the broad central valley of California from high in the foothills of the Sierra Nevada to the Coast Range and covers 4,192 square miles. The district has two colleges, Yuba College and Woodland Community College.

Yuba College

Yuba College, in its 96th year of community service, founded in 1927, is located on the original campus of Marysville on a 160-acre site. Yuba College opened on this site in September, 1962. For 93 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, dining services, and open computer lab.

Woodland Community College

Woodland Community College has provided educational opportunities for Woodland, Esparto, Knights Landing, and Colusa County since 1975. Accredited in 2008, WCC is located at 2300 East Gibson Road in Woodland.

With growth all around the college, in both Yolo and Colusa counties, WCC opened its new Learning Resource Center in May of 2007. The 72,000 sq. ft. building doubled the blueprint of WCC, adding 25 new lecture classrooms, an expanded library, TRIO, math and writing labs, and an expanded community room. Other facilities include a campus bookstore, science building, childcare center, tutoring facilities and other laboratories on campus. As part of the Measure J facilities project, the college renovated the old library building into a one-stop student services building; the administration building was also renovated to include offices for the President and Vice President, Academic Senate, a Multi-Cultural Enrichment Center and a Student Center.

Lake County Campus

Courses have been offered in this region since the fall semester of 1972. The campus is located off Highway 53 in the City of Clearlake. In 2012 the campus added 26,600 sq. ft to the existing facilities. The expansion added a new student services center that includes a new

library, three computer labs, and a vast array of important student services. The new facilities also include a café dining room and new classrooms/labs for Biology, Chemistry and Early Childhood Education courses.

At the Woodland Community College Lake County Campus, students can complete two years of pre-transfer work or satisfy their General Education requirements as well as major preparation courses for many degrees. In addition to transfer course work, the Campus offers career technical education programs in Accounting, Automotive Repair, Business Administration, Chemical Dependency Counseling, Culinary Arts, Early Childhood Education, Income Tax Preparation, Drinking Water/Waste Water and Welding. The Campus also provides a wide range of student services and basic skills courses and a Child Development Center.

Colusa County Outreach Facility

The Woodland Community College Colusa County Campus is located at 99 Ella Street in Williams, Colusa County. Students can take classes at the 9,000 square foot facility which has 4 dividable classrooms. Student services are available to assist students with admission, registration, assessment, financial aid and counseling. The facility also hosts a SSS/TRIO program offered to support English as a Second Language students.

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 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.

Use the catalog to learn where and how to get things done. It has information for locating resources and becoming familiar with College policies and procedures. Information is available about resources such as Admissions, Counseling, Disabled Student Program and Services,

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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, Western Association of Schools and 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 on ACCJC's website (accjc.org) under the Resources dropdown menu Complaint Process.

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 (pass or) 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 fulltime, 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.

Nursing - California Board of Registered Nursing

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

Chemical Dependency Counselor - CCAPP (Consortium of Addiction Programs and Professionals)

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: Title 5, Section 51023; Accreditation Standard IIA.7

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.

Advantages of Yuba College

The faculty are experienced instructors, skilled in discovering and developing the interests and capabilities of their students. The ability to communicate with faculty members minimizes the danger that a student may become confused and lost in the hurry and bustle of college life and emphasizes the importance of the individual. Yuba College bridges the gap between high school and university, making adjustment easier.

The affordable college education offered by Yuba College offer a financial advantage, especially since there is an increasing tendency for professional preparation to require more than four years of college study. Yuba College enables students and their families to conserve their resources for the long period of professional training.

Yuba College provides students with such services and activities as individualized counseling, social and cultural activities, sports, and physical recreation of sufficient variety to meet the needs and patterns of all students.

Students will find the opportunity to adjust their studies to their individual needs; those in high school who did not meet university admission requirements may make up their deficiencies; those who want training for immediate entry into paying jobs will find the courses they need; those who wish to transfer to a university may do so as junior (third-year) status.

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.

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 Diversity Policy, BP 1300, which includes the following: a Definition of Diversity, 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
San Francisco Office
U.S. Department of Education
50 United Nations Plaza
San Francisco, CA 94102-4102

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. **Technological Awareness:** select and use appropriate tools for personal, academic and career tasks.
8. **Scientific Awareness:** understand the purpose of scientific inquiry and the implications and application of basic scientific principles.

Programs and Services

Aerospace Studies (Air Force ROTC)

Air Force Reserve Officer Training Corps is available to Yuba College students through a cross enrollment agreement with California State University, Sacramento (CSUS). The CSUS Department of Aerospace Studies offers two-, three-, and four-year programs leading to a commission in the United States Air Force. Students can complete general education requirements at Yuba College and then transfer to CSUS to complete their degrees.

Due to firm scheduling requirements for the Air Force ROTC program, students are encouraged to work closely with their academic counselors in planning this academic program. Application to the Air Force ROTC program should normally be no later than the first semester of a student's sophomore year. Juniors, seniors and graduate students may also apply under certain conditions. Contact the unit admissions officer in the CSUS Aerospace Studies Department at (916) 278-7315 for information on the program or the entry process.

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. Simply log in to Follett Discover and pull up a personalized course materials shopping list, alphabetized by author. Students can print and email the list. The bookstore also carries every day essentials like clothing, gifts, supplies, general reference and bargain books, as well as snack food and drinks. For more information on payment options, returns, shipping, store hours

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and more, visit www.yubashop.com or call (530) 741-6998.

Buy Backs: The bookstore buys back textbooks for cash, regardless of where the text was purchased. The textbook can be new, used, hardback, or paperback (excluding workbooks). Prices fluctuate according to demand.

California Work Opportunity and Responsibility to Kids (CalWORKS)

The Yuba College CalWORKS Program, located in Building 100B, is a state funded welfare to work 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 CalWORKS lending library, educational supplies and child care. For more information or to schedule an in person or distance appointment, call the Yuba College CalWORKS Office at (530) 634-7773 or email CalWORKS@yccd.edu.

Career Services

Yuba College Career Services are located in Building 100B. By appointment counselors are available to provide a process to lead students through various assessments giving them the necessary tools to make career and life planning decisions. Services and tools available to students to achieve this goal include: career and vocational assessment and testing, occupational computer-assisted career information, and a library of occupational books and reference materials.

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

Career Technical Education Transitions (CTE)

The Yuba College Career Technical Education Transitions Program, located in Room 16 in Building 100A, coordinates the awarding of college credit to high school students who meet approved articulation requirements. An articulated course is one in which the high school instructor/Regional Occupational Program (ROP) and Yuba College faculty have formally agreed that the high school's ROP's course outline, syllabus, textbook, and final exam are comparable to those in a course of the same major within Yuba College. Students receive credit on a Yuba College transcript once articulation requirements have been completed. The CTE (Career Technical Education) Transitions Program prepares students to earn a certificate, an associate's degree or transfer to a university.

For more information about the CTE Transitions Program, contact the Yuba College CTE Transitions Office at (530) 741-6588, ctetransitions@yccd.edu, visit the Admissions and Records Office at any campus, or see a counselor. Also visit the CTE Transitions website at <https://yc.yccd.edu/student/cte-transitions/>

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 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.

The Child Development Center hours of operation are: Monday-Friday 7:30 a.m.- 5:30 p.m. For more information contact the Yuba College Child Development Center at (530) 749-3808.

College Success Center

The College Success Center is located in 1103 on the Marysville campus and in the Learning Resource Center on the 1st floor of the Sutter County Center. We provide academic learning and support services across most disciplines to all currently enrolled Yuba College students at no cost. Our goal is to cultivate a positive, supportive learning environment that significantly enhances students' abilities to pass their classes.

Academic Learning and Support Services

- Scheduled collaborative learning sessions
- Facilitated collaborative learning groups
- Drop-in mathematics assistance (all day)
- Scheduled individualized tutoring
- Test and examination reviews
- Supplemental instruction-based content tutoring
- Quiet study areas for groups and individuals
- Access to wireless internet, computers and academic software
- Test preparation materials
- Assistance with research projects
- Assistance with multimedia presentations

The two major components of the College Success Center are the Math Tutoring Program and the Content Tutoring Program.

Math Tutoring Program: The Math Tutoring Program primarily supports students enrolled in the Accounting, Business, Chemistry, Computer Science, Learning Assistance, Mathematics, Physics, and

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Statistics programs. Academic support is usually available for the following courses:

- Accounting 1, 2L, 10A
- Chemistry 1A, 1B, 2A, 2B, 18A, 18B
- Computer Science 6, 9A, 9B, 11
- General Business 18A, 30, 56
- Learning Assistance 174
- Mathematics 1A, 1B, 1C, 2, 3, 9, 10, 15, 16, 20, 21, 25, 52, 58, 59
- Physics 2A, 2B, 4A, 4B
- Statistics 1

Content Tutoring Program: The Content Tutoring Program primarily supports students enrolled in the Biology, Economics, Geology, History, Humanities, Music, Philosophy, Physical Science, Psychology, Political Science, Sign and Spanish programs. Academic support is usually available for the following courses:

- Biology 1, 4, 5, 6, 10L, 15
- Ecology 10
- Early Childhood Education 1A, 1B, 3
- Geography 1
- Geology 10L
- History 5A, 5B, 15, 17A, 17B
- Humanities 10, 11
- Music 1B, 1D, 2B, 2D, 8B, 17, 41A, 41B, 42A
- Philosophy 12, 20
- Political Science 1, 7
- Psychology 1A, 7, 12
- Sign Language 1, 2
- Sociology 1
- Spanish 1, 2, 3, 20A
- Veterinarian Technology 2, 3

Online Tutoring: Online tutoring is available for many courses.

Tutoring Staff: The tutoring staff is efficient, well-trained, friendly, helpful, and knowledgeable. Tutors must possess the following qualifications and characteristics to be employed:

1. have an overall 3.00 grade point average or higher,
2. pass the course they wish to tutor with an A,
3. be approved by the faculty,
4. complete an intensive tutor training program, and
5. be committed to assisting students learn.

Hours of Operation:

Fall and Spring Semesters:

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

8:00 a.m. to 5:00 p.m., Friday

Summer Session:

8:00 a.m. to 5:00 p.m., Monday through Thursday

Closed Friday

Contact Information:

General Information (front desk): (530) 741-6759

Quy Bui, Instructional Associate: (530) 741-8752 or qbui@yccd.edu

Riley Hang, Instructional Associate: (530) 741-8751 or rfrederk@yccd.edu

Christoph Noffsinger, Coordinator: 530-741-6918 or cnoffsin@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 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.

Contracted Training

Contracted Training can offer custom solutions and targeted training for business prosperity through employee development. Yuba Community College District can deliver on or off- site training solutions for any size company. The program offers customized workshops, seminars, and classes (college credit or not- for-credit) to increase employee skill level.

Benefits to local companies:

- Targeted, cost-effective, cutting-edge, return on investment training
- Coaches, instructors, and facilitators with practical, current real world skills
- Training focused on measurable outcomes
- Investment in training enhances human capital (employees)
- Customizable training schedules to meet the employer and employee needs

Call (530) 634-7728 for a complimentary assessment.

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 visit the EOPS website: <http://yc.yccd.edu/student/EOPS> or call EOPS at Yuba College, (530) 741-6995 or email yceops@yccd.edu.

Cooperative Work Experience Education

Cooperative Work Experience Education (CWEE) are courses designed to recognize learning that occurs on-the-job. In order 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) 741-6763 for more information.

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 part of Yuba College, designed to complement and facilitate instruction and to aid students in academic, career and personal planning. Students are strongly encouraged to meet with a counselor at least once each semester. Counselors are available at Yuba College, Sutter County Center, and within specialized programs including CalWORKS, DSPS, and EOPS.

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Some of the services provided by counselors include:

- Providing essential information concerning certificate, degree, and transfer requirements as well as college rules and regulations and students' rights and responsibilities
- Assisting students in assessing and analyzing aptitudes, interests, values and personality related to career and academic planning
- Assisting students in learning decision-making processes including choosing, changing, or confirming career goals and taking appropriate steps to reach those goals
- Assisting the student to determine their educational program to achieve a chosen career
- Developing a student education plan that includes both the coursework and supplemental needs of each student
- Selecting courses and assisting students with the registration procedures of the college
- Suggesting college activities to maximize each student's opportunities and potential
- Planning a transfer program which leads to acceptance at a university
- Providing workshops on a variety of topics of interest to students
- Assisting students to resolve personal problems which are barriers to their education achievement
- Referring students to appropriate campus and community support services and resources
- Offering Counseling (COUNS) classes for students including:
 - 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/e-Learning

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, Introduction to Online Learning and LIBSC 1, Basic Research Skills.

Fully online courses are delivered using the YCCD eLearning course management software, Canvas, which is accessible via the eLearning website and within the MyCampus portal. Students access YCCD eLearning using their college student ID and password once they are enrolled in a course that uses this software. Technical support is provided via phone, email, virtual PC software, and in person. For more information, staff contacts and technical assistance, check the YCCD eLearning website.

Distance Education-

Student Services Programs

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.

Disabled Student Program and Services (DSPS)

Disabled Students Programs and Services (DSPS) provides support services to students with disabilities. DSPS promotes and supports access to classes, programs, and facilities to ensure that students with disabilities may participate fully in the mainstream college educational experience. DSPS proactively collaborates with students, faculty, administrators, and college staff to advocate regarding issues of access, opportunity, and disability law and is committed to the establishment of a positive learning environment that is achieved, in part, through the provision of services and academic accommodations designed to meet the specific, individual needs of students with disabilities. Based upon the barriers imposed by a student's disability, support may include test accommodations, note taking assistance, assistive technology, alternate media, interpreter services, mobility aids, priority registration, and/or other accommodations/services. Students eligible for support include those with verified learning, mental health (anxiety, depression, PTSD, etc.), hearing, vision, ADD/ADHD, mobility, autism, intellectual, and other disabilities, including disabilities that may be temporary. To receive support through DSPS, students must identify themselves as individuals with a disability by submitting a DSPS application and either providing disability documentation from a health care professional or previous school or requesting an appointment with one of our certificated employees to explore options for obtaining disability verification.

For more information about eligibility, to apply for services, or to schedule an appointment, call DSPS at (530) 741-6795 (voice) or (866) 274-7530 (video phone), email dpsinfo@yccd.edu, or stop by the DSPS Office in Building 1800.

Dusty's Pantry/Basic Needs

Dusty's 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 will be provided a breakfast, lunch or family meal, along with community resources of food banks available in the community. Students will also be provided assistance in applying for CalFresh food assistance. For more information visit the website: yc.yccd.edu/student/dustys-food-pantry/, or call (530) 741-8988.

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 or the Sutter County Center, visit the EOPS website: <http://yc.yccd.edu/student/EOPS>, 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 beginning on page 27.

Health Clinic (Student)

Look for more information about the student Health Clinic in the coming months.

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:

Mon – Thur: 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

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 Dean Anabel Toche at (530) 741-8714 or atoche@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 Federal student financial aid, 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 on the Web.

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 or call a test center to arrange accommodations.

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 Center

The Transfer Center, located in Building 100B, hosts an annual fall transfer program called, "College Information Day". This program brings representatives on campus from the University of California, California State University, independent California colleges and universities, in addition to out-of-state colleges. Both Yuba College and area high school students have an opportunity to visit informally with these representatives to obtain information concerning their programs, services, and application procedures.

For some students, the transfer process can be overwhelming. Yuba College counselors are committed to help students with the phases of the transfer process and the many transfer options available. These services include:

- Appointment opportunities with representatives from baccalaureate level colleges and universities
- The annual College Information Day
- Workshops related to transfer

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 Educational Action Plan (EAP) with an assigned 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 middle 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
- 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 Student Support Services/TRIO programs can be found in the Higher Education Act of 1965, Title IV, Part A, Subpart 2, Federal Early Outreach and Student Services Program, Chapter 1, Federal TRIO programs.

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.

Veterans Services

Yuba College is approved for the training of veterans and dependent students. 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 probation, will have that probation reported to the Veterans Administration prior to the commencement of the next semester.

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

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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" will be assigned. Military withdrawals will not be counted in progress probation and dismissal calculations.

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

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 open to all currently enrolled Yuba College students during the fall and spring sessions and is located inside the Learning Resource Center in Room 1116 on the Marysville campus and in the Learning Resource Center on the 1st floor of the Sutter County Center. The following services are offered:

- Drop-in assistance for any writing assignment
- Help with MLA, APA, and Chicago style formatting
- One-time or regular weekly appointments
- Informal study space and private study rooms
- Technology assistance and computer lab
- Proofreading tips
- ESL conversation groups

- English final exam workshops
- Kurzweil 3000 software for assisted reading and writing
- Writing and grammar tip sheets
- Support is available in person or online

For more information call (530) 740-1709.

Fall and Spring Semesters:

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

8:00 a.m. to 5:00 p.m., Friday

Summer Session:

8:00 a.m. to 5:00 p.m., Monday through Thursday

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 memorial gift in the name of a regional agriculturalist, Harold Sawtell, provided an endowment of more than \$1.5 million dollars from which the Foundation's investments would be able to generate annual scholarships. Today, in addition to the Sawtell gift, there are more than 40 endowed funds, each one with a specific purpose to support a program, student service or scholarships at the various campuses throughout District. The value of the Foundation's Endowment as of April 2023 is \$9.5 million.

In addition more than 150 additional, short-term scholarship and program funds have been established 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 for the betterment of students at Yuba College and Woodland Community College and their affiliated campuses.

Donations: The Foundation is an auxiliary organization of the Yuba Community College District. As a 501(c)(3) not-for-profit organization, gifts to the Foundation are tax-deductible to the extent allowed by federal and state law. The Foundation's 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 accept Estate/Planned Gifts such as bequests in a will, charitable trusts, IRA distributions, and insurance policies

Academic Program and Student Scholarship Support: The Foundation manages more than 200 individual funds, each one with a specific purpose to support a program, student service or scholarship. Annually the Foundation provides more than 190 privately funded scholarship opportunities to Yuba College students.

Governance: An independent Board of Directors governs the Yuba Community College District Foundation. Its members includes local volunteer business and philanthropic leaders as well a key College and District administrators, and Governing Board representatives. The Foundation's Board of Directors meets on a quarterly basis. Board members work voluntarily, serving 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. For additional information, please contact: ycalumni@yccd.edu.

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 Degree 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 Degree Nursing (ADN), 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: A high school student who has completed the eighth grade may be admitted on a part-time basis subject to the following requirements with the written recommendation of the high school administrator and the parent's permission: no Physical Education/Kinesiology courses may be taken; students must have met any course prerequisite requirements; students are required to fulfill the minimum day requirement at their high school, or, for charter/home-schooled students, the parent has to verify that the proposed college course work will not interfere with the student's basic high school course work; charter or home-schooled students must present a grade equivalency certification documenting the grade level the student has achieved; charter or home-schooled students must

present a copy of the affidavit submitted to the State or County Office of Education to document the student's involvement in an educational process; dual enrolled students receive the lowest registration priority. Students must be certified to be eligible for advanced scholastic or vocational coursework. Call the high school administrator for information concerning authorization to enroll. Students are subject to all rules, regulations, and fees of the College. The enrollment fee, student health fee, and non-resident tuition fee will be waived for eligible students. For more information, contact Mike Pomret, *Interim Director of Special Programs*, at (530) 741-6841.

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.
- Complete the College Placement (AB 705) Process unless exempt.
- 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.

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

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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.)

8. A student who was classified as nonresident and is seeking reclassification as a resident **MUST** show financial independence. Financial independence requires not having been claimed as a dependent on state/federal income tax forms by parents, not having received more than \$750.00 a year from a parent, and not having lived more than six weeks in a year with a parent in the immediately preceding twelve months. Students will be required to submit documentation showing how tuition and living expenses were paid during the preceding year.

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 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).

Student Success Act of 2012/Matriculation

The Student Success Act of 2012, requires that all entering students complete Orientation, Assessment and a Student Education Plan. For more information visit the California Community College Chancellor’s Office website at www.cccco.edu and view SB 1456 or Student Success Act of 2012.

All entering students must complete the following:

- Complete the online admissions application
- Complete the placement (AB 705) process (unless exempt)
- Have high school and/or college transcripts sent to the Admissions and Records Office at the Yuba College campus
- Complete the online orientation
- Meet with a counselor to discuss and develop an educational plan and select appropriate classes for registration

Exemptions: Students may be exempt from the placement, orientation and/or counseling components of matriculation if they meet certain criteria. Students seeking an exemption from any part of the

matriculation process must submit an exemption form. The student’s statement on the exemption form may require verification. Exemption forms are available at all counseling offices.

Students who meet the exemption criteria will be classified as non-matriculants which will:

- Affect registration priority or registration in subsequent terms, and
- Require an educational plan to be developed with a counselor once fifteen degree applicable units are completed

Registration Procedures

Student Responsibility Regarding Registration

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

Students must assume complete responsibility for fulfilling all requirements to meet planned objectives. Students on probation should carefully consider the consequences of their status when planning for registration.

Assessment services include counselor appraisal of previous college and/or high school work (transcripts should have been sent to the College), as well as, placement, and other information such as number of hours working, etc., that may have an effect on student goals. Assessment is used to advise students about courses and services most appropriate to their skills, educational backgrounds and career goals. (See also “Placement” section for other information.)

Enrollment Priorities

Administrative Procedure 5055 provides information for the Enrollment Priorities process. Effective the Summer/Fall 2014 registration period the Enrollment Priorities criteria changed and students should review the administrative procedure to attain the current policy requirements: [Enrollment Priorities AP-5055 \(http://www.boarddocs.com/ca/yccd/Board.nsf/goto?open&id=A7E2FU020616\)](http://www.boarddocs.com/ca/yccd/Board.nsf/goto?open&id=A7E2FU020616).

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”), later only in special cases and with instructor approval.

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

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discontinue attendance in any class without officially dropping the course are subject to a failing grade. If the student 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. In any case, 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)

As one of the mandates of Assembly Bill (AB 705) passed in Fall 2017, Yuba College has implemented a new process for placing students in their first English or Math course. Multiple measures include a combination of high school course information and a student's cumulative GPA. Placement will be determined upon the completion of the college application. If a student's placement requires adjustment, please meet with a Yuba College counselor. It is recommended that students bring their high school transcript (if available) or transcript information when meeting with a Counselor in order to complete the Guided Placement form. This form will provide guidance and recommendations, but it is important to note that as a result of AB 705, all students will be eligible for transfer-level coursework if that is required for their educational plan.

***Note:** It is helpful for students to consider their level of performance in the English and math areas before planning a course of study at Yuba College. Students must meet with a counselor to discuss their educational strengths and needs. The counselor will guide them towards the appropriate English and math courses. Please call the YC Counseling Office at (530) 634-7766 for an appointment.

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 the Counseling Department.

ENGLISH	
CRITERIA	YCCD COURSE PLACEMENT
HS GPA \geq 2.6	English 1A
HS GPA \geq 1.9 but $<$ 2.6	ENGL 1A or English 1E Recommended
HS GPA $<$ 1.9	ENGL 1A or ENGL 1E Strongly Recommended

LIBERAL ARTS (FOR LIBERAL ARTS PROGRAMS)	
CRITERIA	YCCD COURSE PLACEMENT
HS GPA \geq 3.0	STAT 1*
HS GPA \geq 2.3 but $<$ 3.0	STAT 1* with STAT 100 or STAT 500 Recommended
HS GPA $<$ 2.3	STAT 1* with STAT 100 or STAT 500 Strongly Recommended

MATH (BSTEM)	
CRITERIA	YCCD COURSE PLACEMENT
HS GPA \geq 3.5 AND Pre-Calculus (B- or better) OR HS GPA \geq 3.0 AND HS Calculus (C- or better)	MATH 1A
HS GPA \geq 3.4 OR HS GPA \geq 2.6 AND HS Calculus	MATH 9, 20, or 21
HS GPA \geq 2.6 OR Enrolled in HS PreCalculus	MATH 9, 20, or 21 with Additional Support Recommended (i.e., Tutoring)
HS GPA $<$ 2.6 AND No HS PreCalculus	MATH 9, 20, or 21 with Additional Support Strongly Recommended (i.e., Tutoring)

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.

Advisory Placement Levels For Courses Requiring College-Level Skills

Many "entry level courses" that are numbered 1-99 carry credit/units that apply toward the associate degree have advisory skills for successful participation. It is recommended that students meet the language, math and computer requirements if they plan to enroll in any course with a description that includes an "L", "M." and/or "C".

The (L) designation means that the content of the course is such that the student must have college-level language skills to successfully complete the course. Students may meet the requirements for the (L) courses by one of the following:

1. Achieving an English placement level of 1105,
2. Achieving eligibility to enroll in English 1A, 1B, or 1C,
3. Possessing an A.A. or A.S. degree or higher.

The (M) designation means that the content of the course is such that the student must have college-level math skills to successfully participate in the course. Students may meet the requirements for (M) courses by one of the following:

1. Achieving a math placement level of 2108 or higher,
2. Possessing an A.A. or A.S. degree or higher

The (C) designation means that the content of the course is such that the student must have computer literacy skills to successfully complete the course. Students may meet the requirements for (C) by having basic computer skills.

Schedule of Classes

The Schedule of Classes is published each semester. The Schedule includes registration procedures, course information, critical deadline dates, the official Academic Calendar, and other important information for students.

Student Fees and Expenses

All fees quoted below are those known at the time this Catalog went to press.

STATE-MANDATED 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.

STUDENT SUCCESS ACT OF 2012

In an effort to help students succeed in the California community colleges, the Student Success Act of 2012 (California Senate Bill 1456) was signed into law by Governor Brown. Among other aspects, the Act included the creation of minimum academic and progress standards that must be met for continued eligibility for the California College Promise Grant (CCPG). These are different and separate standards from those for student federal aid and Cal Grants.

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

Measurement of these standards began in fall 2016.

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) probation. The notification will include an alert that a second term of probation will result in loss of CCPG eligibility. After the second consecutive term of probation, 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
- 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 \$295 per unit, effective Fall 2023. Students who are both citizens and residents of a foreign country are required to pay \$295 per unit. (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.

STUDENT REPRESENTATION FEE

The Associated Students of Yuba College collect a voluntary annual fee of \$5 to purchase a student ID card. Additionally, per AB 1504, students have the option to support student government by accepting a \$2 fee each semester. If a student wishes to waive the fee, they must submit a petition through Admissions and Records.

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, will probably 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.

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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 2023-24

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

*State-mandated Enrollment Fee	\$1,124
Books and Supplies	\$938
Food and Housing	\$13,097
Transportation	\$1,611
Misc Personal Expenses	\$3,609
Total	\$20,379

*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. A \$10 processing fee is charged for refunds. This amount will be deducted from the refund amount.

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. The parking permit must be returned to the Campus Police Office to qualify for the refund. At that time, the Campus Police will void the parking permit, and a refund will be posted to the student's account, less an administrative processing fee. Financial Aid

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 www.FAFSA.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 in the scholarship handbook posted on the Financial Aid web site at yc.yccd.edu/student/financialaid.

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, Chafee 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: 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 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 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.

Hope Scholarship (Tax Relief) and Lifetime Learning Credit

The Hope Scholarship 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 Hope Scholarship credit is not refundable for families who do not pay taxes. The federal government created the Hope Scholarship 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.

At the end of each calendar year, Yuba College will provide an electronic Form 1098T through Self-Service for students who meet the required criteria (does not apply if fees were waived or paid by another agency). The 1098T statement includes payments for tuition charged during the year.

College Life

Athletics

Yuba College is a member of the Bay Valley Conference, Northern California Football Conference, California Community College Athletic Association (CCCAA), which functions as part of the Community College League of California, and participates in men's and women's basketball, baseball, football, men's and women's soccer, men's and women's track & field, softball, and volleyball. (Refer to page 33, "Athletic Eligibility")

Campus Police Department

We are committed to ensuring the safety of our students, staff, faculty, and just and impartial visitors. Every member of our department is involved in keeping all of the campuses safe and secure. However, a truly safe campus can only be achieved through the cooperation of all students, employees, and visitors. The Yuba Community College District covers nearly 4,200 square miles, and currently has five educational sites in five different counties. The Police Department provides professional law enforcement services at all five educational sites. These campuses include Yuba College, Woodland Community College, Lake County Campus, Colusa County Campus, and the Sutter County Center.

The Police Department on the Yuba College Campus is located in Warren Hall, Building 1600. The Police Department can be reached by calling 6771 from any campus phone, dialing (530) 741-6771 or (530) 870-1158 from other phones. In case of an emergency, call 911 from any phone or use one of the many emergency phones ("Blue Phones") located on campus. The Police Department provides the following services:

Campus Patrols: The Yuba Community College District Police Department uses uniformed and non-uniformed officers to patrol the campuses in cars, on bicycles and on foot. These patrols are conducted on the roadways and walkways of the campus, as well as in buildings.

Safety Escort Service: Students who feel fearful walking on campus may request a safety escort by dialing extension 6771 from any campus phone or (530) 741-6771 from other phones. After business hours, call the Campus Police cellular phone at (530) 870-1158. Provide the YCCDPD Officer with the current location and intended destination on campus. If there are special circumstances or risks the student knows about, be sure to share them with the officer. Subject to availability, an officer will be dispatched to the students location to walk with the student to the desired destination. An officer may wish to transport the

student in a vehicle if it is more practical based on conditions.

Vehicle Jumpstart Courtesy Service: Police vehicles are equipped with battery jumpstart systems to allow officers to attempt to assist motorists who have discharged batteries. This service is provided at no charge, subject to officer availability and is performed only if the vehicle owner accepts the risk of damage. Normally there is very little risk, however officers are not trained mechanics, and from time to time damage may occur. Persons who have insurance coverage for jumpstart service or who do not want to accept the risk of damage should call a professional mechanic.

Sex Offender Registration Program: Sex offenders are required to register the first five days of the semester they have registered for classes. The registration remains on file during consecutive course attendance, but are required to unregister if they are no longer going to be attending any of the educational sites.

Jeanne Clery Disclosure: In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act, Yuba College publishes and distributes an annual security report. The report includes statistics for the previous three years concerning reported crimes that occurred on campus, in off campus buildings or property owned or controlled by Yuba College, and on public property within or immediately adjacent to and accessible from the campus. The report may be obtained at the Yuba College Police Office or online at: www.yccd.edu/district-services/campus-safety/jeanne-clery-report/

Police Cadet Program: The Police Cadet Program employs a diverse group of Yuba Community College District students. Its mission is to provide outreach to the campus community, while helping to deter crime, and enforcement of the district parking policy. Police Cadets provide high visibility, uniformed patrol of the campus. This includes, but is not limited to, the campus, buildings, and parking lots. They act as additional "eyes and ears" to the police department.

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. Classes are limited in size, and no disruptions will be allowed in the classroom. In addition, the College assumes no liability for injuries that may occur to the child.

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. Certain clubs listed below may not be active during the current academic year (depends largely on student participation).

- Auto Club
- Black Student Union
- California Nursing Students Association
- Green Futures
- Literary Arts Club
- Media Club
- Psychology Club
- Student Veterans Association
- Speech Club
- Veterinary Technology 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." The mascot is Dusty the Forty Niner.

Conduct and Discipline

If a student's conduct violates District rules or regulations, the Code of Conduct for Students, or public laws, the student will be subject to one of the forms of "sanctions" included in the Code, which are:

- **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.
- **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.
- **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.
- **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.
- **Short-term suspension.** The suspension from one or more classes for a period of up to ten (10) consecutive instructional days.
- **Long-term suspension.** The exclusion of the student from one or more classes for more than ten (10) consecutive instructional days, or from all classes and activities of the college for one or more additional terms.
- **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 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 under the Resources tab.

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 recognizes that substance abuse is a major health problem throughout the United States. Therefore, in order to eliminate abuse,

the entire college community must be involved. The single consistent message is that substance abuse is wrong, dangerous, and will not be tolerated. **Yuba College has a "zero tolerance" policy; all campuses and centers are to be alcohol and drug free.**

It is the stated policy of the District to implement a comprehensive substance abuse strategy that will work more effectively in combating use and potential use of drugs by students. The policy sets forth procedures that not only expose students to awareness of the dangers of drugs and alcohol, but also encourages each individual to act to prevent the sale and use of drugs.

The following program principles have been adopted to implement this policy:

- The Student Code of Conduct, supported by Education Code Section 60041(b), 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 Yuba College Campus Police Department, the Student Services Office or the President's Office.
- Educational materials regarding health risks associated with the use of illicit drugs and the abuse of alcohol are made available to all students through the Counseling Department or Student Health Clinic. More in-depth information is available through the Human Services courses.
- Information regarding resources for drug or alcohol counseling and treatment are available through the Counseling Department or Student Health Clinic.
- The Office of the Vice President of Student Services will keep records of all disciplinary actions and evaluate the 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 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.

Safe Zone

Yuba College is committed to creating a safe and open environment for all students, staff, and faculty.

Yuba College pledges:

- To promote a positive learning environment free of bias, discrimination, intolerance and violence.
- To engage in civil and informed dialogue with those who may have different views.

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- To recognize and respect the need for privacy and to comply with all related policies (FERPA).
- To act upon instances of bias, discrimination, intolerance or violence that are witnessed or reported.
- To feel physically safe and establish a sense of community through extra campus security and consolidate evening classes to populated and common areas on campus.

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 reasonably 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
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: Individuals who are dissatisfied with a campus policy or procedure or with the conduct of a college employee are entitled to file a complaint. The College encourages all members of the campus community to attempt to resolve all issues informally by dealing directly with the staff and faculty involved. However, a student can file a formal Statement of Grievance form within 30 workdays of the incident or 30 workdays after the student learns of the basis for the grievance, whichever is later. Upon receipt of the Statement of Grievance, the Grievance Officer will work with the student to determine if the issue is grievable and to determine if a formal Grievance Hearing is required.

See the following documents for more information:

- Administrative Procedure 5530
- Statement of Grievance Form
- Request for Grievance Form
- Student Code of Conduct

See Administrative Procedure 5530 for the specific procedures available to any student who reasonably believes a college decision or action has adversely affected his or her status, rights or privileges as a student. The procedures shall include, but not be limited to, grievances regarding:

- Sex discrimination as prohibited by Title IX of the Higher Education Amendments of 1972
- Sexual Harassment
- Financial Aid
- Illegal Discrimination
- The exercise of rights of free expression protected by state and federal constitutions and Education Code Section 76120.

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. See the following document for information:

ADMINISTRATIVE PROCEDURE 3435

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>

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2. Unlawful Discrimination: Contact the California Community College Chancellor's Office at:
<https://www.cccco.edu/complaint-process-notice>

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 shall result in disciplinary action and may result in dismissal 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, 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 hearing regarding the request for amendment.

Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

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 must be made by a student within seven calendar days of registration. 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

The Yuba Community College District Board of Trustees permits the alleviation of substandard ("D" and "F") 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 student's transcript 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 is 30 semester units.

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- 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 (Summer Session does not count as a semester).
- The student must have completed at least 12 units in residence in the YCCD.
- 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 transcript 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 to ycstudentpetitions@yccd.edu after counseling 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.

YCCD 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.

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 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 Subject examinations, DSST examinations, and College Board Advanced Placement examinations.

Athletic Eligibility

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

- Per CCCAA 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.
- Yuba College Athletic Department policy requires student athletes to be enrolled in 15 total, 12 academic units, at the start of each semester
- To maintain eligibility, student-athletes must 1) pass 6 units in their previous full time semester; 2) be continuously enrolled in 12 units during their season of competition.
- To participate in a second sport student-athlete 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 (CCCAA), Northern California Football Conference, 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 President. The President or designee shall initiate a review process

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to determine whether or not there are sufficient grounds to remove the student permanently from the class.

science
elective for
non-science
major

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.

CLEP EXAMINATION	SEMESTER UNITS	YUBA COLLEGE COURSE EQUIVALENT
Subject Examinations English:		
American Literature	3	ENGL 30A
English Literature	3	ENGL 46A
Humanities elective	6	Humanities
History and Social Sciences:		
American History I: Early Colonization to 1877	3	HIST 17A
American History II: 1865 to the Present	3	HIST 17B
Introductory Sociology	3	SOCIL 1
Western Civilization: Ancient Near East to 1648	3	HIST 4A
Western Civilization: 1648 to Present	3	HIST 4B
Introductory Psychology	3	PSYCH 1A
Principles of Macroeconomics	3	ECON 1A
Principles of Microeconomics	3	ECON 1B
Sciences and Mathematics:		
Biology	3	BIOL 10
Calculus	4	MATH 1A
Chemistry	3	CHEM 10
College Algebra or 52*	4	MATH 20*, 101*
College Mathematics	6	MATH 20 MATH 52 + 2 units elective
Natural Sciences	6	Non-lab

World/Foreign Language:

French Language 2	8	FRNCH 1 and 2*
Spanish Language 2	8	SPAN 1 and 2*

* Credit cannot be earned in both classes.

DSST Exams

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 Intersegmental General Education Transfer Curriculum (IGETC) 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.

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;

AP Exam	YC Course Equivalent or Elective	YC GE Area Credit; GE Units	YC Units	CSU GE-B Area Credit	CSU GE-B Units	CSU Units	IGETC Area Credit	IGETC Units	UC Quarter Units
Art History	ART 1A and Elective	Humanities; 3 units	6	C1 or C2	3	6	3A or 3B	3	8
Biology	BIOL 10L	Natural Science; 4 units	4	B2 and B3	4	6	5B and 5C	4	8
Calculus AB	MATH 1A	Language and Rationality; 4 units	4	B4	3	3	2A	3	8
Calculus BC	MATH 1B	Language and Rationality; 4 units	4	B4	3	6	2A	3	8
Calculus BC/AB Subscore	N/A	Language and Rationality; 3 units	3	B4	3	3	2A	3	none
Chemistry	CHEM 2A	Natural Science; 5 units	10	B1 and B3	4	6	5A and 5C	4	8
Chinese Language and Culture	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Comparative Government and Politics	Elective	Social Science; 3 units	3	D8	3	3	4	3	4
Computer Science A	Elective	N/A	3	N/A	none	3	N/A	N/A	2
Computer Science Principles	N/A	N/A	3	B4	3	3	N/A	N/A	8
English Language and Composition	ENGL 1A and Elective	Language and Rationality; 4 units	6	A2	3	6	1A	3	8
English Literature and Composition	ENGL 1A and Elective	Language and Rationality; 4 units	6	A2 and C2	6	6	1A or 3B	3	8
Environmental Science (test taken Fall 2009 and later)	N/A	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	3	4
European History	HIST 4A and 4B	Social Science; 3 units	6	C2 or D6	3	6	3B or 4	3	8
French Language and Culture (test taken Fall 2009 and later)	FRNCH 1 and FRNCH 2	Humanities; 4 units	8	C2	3	6	3B and 6A	3	8
German Language and Culture	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Human Geography	N/A	Social Science; 3 units	3	D5	3	3	4	3	4

AP Exam	YC Course Equivalent or Elective	YC GE Area Credit; GE Units	YC Units	CSU GE-B Area Credit	CSU GE-B Units	CSU Units	IGETC Area Credit	IGETC Units	UC Quarter Units
Italian Language and Culture	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Japanese Language and Culture	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Latin	N/A	Humanities; 3 units	3	C2	3	6	3B and 6A	3	8
Macro-economics	Elective	Social Science; 3 units	3	D2	3	3	4	3	4
Micro-economics	Elective	Social Science; 3 units	3	D2	3	3	4	3	4
Physics 1	PHYS 2A and PHYS 3A	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	4	8 (max for all AP Physics exams)
Physics 2	PHYS 2B and PHYS 3B	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	4	8 (max for all AP Physics exams)
Physics C (electricity/magnetism)	PHYS 4A	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	3	8 (max for all AP Physics exams)
Physics C (mechanics)	PHYS 4B	Natural Science; 4 units	4	B1 and B3	4	4	5A and 5C	3	8 (max for all AP Physics exams)
Psychology	PSYCH 1A	Social Science; 3 units	3	D9	3	3	4	3	4
Seminar	N/A	N/A	N/A	N/A	none	3	N/A	N/A	none
Spanish Language and Culture	SPAN 1 and SPAN 2	Humanities; 4 units	8	C2	3	6	3B and 6A	3	8
Spanish Literature and Culture	SPAN 3 and SPAN 4	Humanities; 4 units	8	C2	3	6	3B and 6A	3	8
Statistics	N/A	Language and Rationality; 3 units	3	B4	3	3	2A	3	4
Studio Art-2D	N/A	N/A	3	N/A	none	3	N/A	N/A	8
Studio Art-3D	N/A	N/A	3	N/A	none	3	N/A	N/A	8
Studio Art-Drawing	Elective	N/A	6	N/A	none	3	N/A	N/A	8
U.S. Government and Politics	N/A	Social Science; 3 units	3	D8 and US-2	3	3	4 and US-2	3	4
U.S. History	HIST 17A and HIST 17B	Social Science; 3 units	6	(C2 or D6) and US-1	3	6	(3B or 4) and US-1	3	8
World History	HIST 5A and HIST 5B	Social Science; 3 units	6	2 or D6	3	6	3B or 4	3	8

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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. The administration shall also establish disciplinary procedures to enforce this policy that are consistent with policies and laws governing the conduct of students.

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 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 an associate degree for transfer graduation petition form in person at the Counseling Department or Admissions and Records or 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

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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 probation/dismissal. 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 progress probation and dismissal 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 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 Progress Probation (see "Standards for Probation" page 40).

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

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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 Executive Vice President 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 no later than the end of the fifth week (30%) of the semester or the end of 30% of class for short-term courses.~~ **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 Progress Probation.

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:

- 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

Completion rate: 29.05% Transfer rate: 10.11%

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. From Fall 2019 to Spring 2022, 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 2019 to Spring 2022. 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 Fall 2019 to Spring 2022 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.

2019-20

Associate Degree	619
Associate Degree for Transfer	196
Certificate of Achievement	119
Other Certificates	54
Total Awards	988

2020-21

Associate Degree	720
Associate Degree for Transfer	191
Certificate of Achievement	176
Other Certificates	132
Total Awards	1,219

2021-22

Associate Degree	1,100
Associate Degree for Transfer	228
Certificate of Achievement	796
Other Certificates	255
Total Awards	2,379

Standards for Probation/Dismissal

Students are subject to "Probation" and/or "Dismissal," 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 dismissed, but that the individual case of each student subject to dismissal be reviewed by the Vice President of Student Services prior to invoking action.

ACADEMIC PROBATION: 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 Probation when the student has earned a cumulative grade point average of less than 2.0 in grades earned.

PROGRESS PROBATION 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 Progress Probation 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 PROBATION: A student is removed from Academic Probation when the cumulative GPA (earned in YCCD classes only) reaches 2.0 or higher. A student is removed from Progress Probation 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.

DISMISSAL: A student who is on Academic Probation shall be subject to dismissal 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 progress probation shall be subject to dismissal 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%). Dismissal may be postponed by the Yuba College Academic Standards Committee when evidence of academic improvement or extenuating circumstances exist.

Students who feel they have extenuating circumstances with regard to these regulations should see a counselor and file a petition with the Academic Standards Committee 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 dismissed student may petition for readmission (on probation) 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 Probation Status. Students receiving veteran's benefits should contact the Veterans' Services Office concerning consequences of probation. All students receiving aid/benefits should consult a counselor concerning consequences of probation. Students on probation may be prohibited from receiving aid/benefits.

Repetition of Courses

Repetition of courses is conducted in compliance with California Title 5 Regulations, Sections 55040 through 55046. No course repetition procedures established by the District will conflict with Education Code 76224 pertaining to the finality of grades assigned by instructors, with Title 5 Section 59023, or District procedures relating to the retention and destruction of records.

For course repetition approval, the student may submit a petition to the Academic Integrity Committee at Yuba College.

(A) 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", "NC", 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, NP or NC) 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 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.

(B) Repetition of Courses for Which A Satisfactory Grade Was Recorded:

A course for which a satisfactory grade ("A", "B", "C", "CR", 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 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.

SIGNIFICANT LAPSE OF TIME:

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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

1. The District has established a recency prerequisite for a course or program; or
2. 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 or the Student Success Committee at Woodland Community College and present documentation that course repetition is necessary to complete legally mandated training.

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 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:

1. 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;
2. 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

3. When the student has a 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.

COOPERATIVE WORK EXPERIENCE EDUCATION:

Students may re-enroll in a cooperative work experience courses up to a maximum of 16 units in any combination of Work Experience (Occupational/General) and Internship enrollments, subject to the following limitations:

1. General Work Experience Education: A maximum of six credit hours may be earned during one enrollment period in general work experience education.
2. Occupational Work Experience Education: A maximum of eight credit hours may be earned during one enrollment period in occupational work experience education.

EXTENUATING CIRCUMSTANCES:

Course repetition is allowed when the college finds there are extenuating circumstances. 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

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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. A student in good standing may receive a transcript at any time. 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 grades, diplomas, and registration privileges 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.

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..

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:

REQUIREMENT 1: All students must pass the reading, writing, and mathematics competency examinations or equivalents listed below with a "C" or better grade.

COMPETENCY REQUIREMENTS:

1. Reading and Writing competency may be met by:
 - a. Passing English 1A or English 1E with a grade of "C" or better.
 - b. Possession of an AA., A.S., or higher degree at the time of admission to campuses within the Yuba Community College District.
2. Mathematics competency may be met by a grade of "C" or better in:
 - a. Any mathematics or statistics course that has Math 101 as a prerequisite; or
 - b. Any higher level mathematics or statistics course.

REQUIREMENT 2: All students must complete 18 units of general education, selecting at least 3 units each from Areas A, B, C, D1, D2 and E below with a grade of "D" or better.

AREA A. NATURAL SCIENCE (SELECT 3 UNITS)

Agriculture 45
 Anthropology 1
 Astronomy 1
 Biology 1, 10, 10L, 11, 15, 24, 24L, 25, 30
 Chemistry 1A, 1B, 2A, 10
 Ecology 10, 12
 Geography 1
 Geology 8, 10L, 11L, 12, 20
 Physical Science 10B, 10C
 Physics 2A, 4A, 2B
 Plant Science 20, 22

AREA B. SOCIAL SCIENCE (SELECT 3 UNITS)

Administration of Justice 10
 Anthropology 2, 3
 Counseling 33
 Early Childhood Education 3, 31
 Economics 1A, 1B, 8
 Ethnic Studies 1,3, 4,11, 14, 15
 Geography 5
 History 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B, 29
 Mass Communications 2
 Philosophy 6
 Political Science 1, 2, 3, 6, 7, 8
 Psychology 1A, 12, 22, 33, 41, 46
 Sociology 1, 2, 3, 6, 10, 30

AREA C. HUMANITIES (SELECT 3 UNITS)

Art 1A, 1B, 3A, 3B, 5, 20, 21
 Asian-American Studies 31
 Early Childhood Education 39
 English 1B, 30A, 30B, 31A, 31B, 34, 36, 37, 38, 39, 42, 46A, 46B
 Ethnic Studies 31
 French 1, 2
 Humanities 5, 10, 11, 20, 26A, 26B, 31, 34
 Mass Communications 3
 Music 1, 1A, 3, 12, 15, 16, 17, 18

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Philosophy 1, 2, 3, 20
 Photography 22
 Sign Language 1, 2, 3
 Spanish 1, 2, 3, 10, 20A, 20B
 Speech 2
 Theatre Arts 10, 32, 33, 34

AREA D. LANGUAGE AND RATIONALITY**D1. ENGLISH COMPOSITION (Select 3 units):**

English 1A, 1E

D2. COMMUNICATION AND ANALYTICAL THINKING (Select 3 units)

Computer Science 2, 6, 9A, 9B
 Engineering 10
 English 1C
 General Business 56
 Mathematics 1A, 1B, 2, 3, 9, 10, 15, 20, 21, 25, 52, 55, 58, 59
 Philosophy 6, 12
 Political Science 6
 Psychology 7
 Sign Language 2
 Sociology 8
 Speech 1, 3, 6, 7, 8
 Statistics 1

AREA E. ELECTIVES (SELECT 3 UNITS)

1. A second course from any Area above; OR
2. Documentation of active military service (may also be used to meet Requirement 4 (Health/P.E.); OR
3. Course(s) listed below:
 - Accounting 10A
 - Administration of Justice 10, 30
 - Art 18
 - Automotive Technology 21, 53.22
 - Cooperative Work Exp 44A, 44B, 44C, 44D
 - Counseling 10, 25, 30, 40
 - Early Childhood Education 3
 - Education 20
 - English 40A, 40B, 40C
 - General Business 2, 10
 - Health 1, 5, 6, 10, 13
 - Human Services 11
 - Internship 45A, 45B, 45C, 45D
 - Kinesiology courses
 - Philosophy 6
 - Physical Education courses
 - Political Science 6, 7
 - Speech 4R

REQUIREMENT 3: All students must complete the designated degree major courses with a grade of "C" or better. Majors are listed in the section headed "Degrees and Certificates" and in the Programs and Courses section of the catalog.

REQUIREMENT 4: All students are required to successfully complete with a grade of "D" or better: Health 1, 2, 4, 6 or 13 OR two Kinesiology/Physical Education activity courses one of which must be selected from the following:

Kinesiology 1.21, 1.22, 1.26, 1.27, 1.34, 1.36, 1.36B, 1.37, 1.57, 1.57B, 1.58, 1.59, 1.75, 1.76, 3, 4, 6, 7, 9, 10

Note: Students who will be completing degrees in Basic Police Academy, Associate Degree in Nursing, Psychiatric Technology,

Radiologic Technology, or 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. Courses listed here may also be used in Area E.

REQUIREMENT 5: All students are required to meet the Multicultural Graduation Requirement (MGR) by completing three or more units from the following courses listed below with a grade of "D" or better:

Administration of Justice 19
 Anthropology 2
 Art 1A, 3B, 5, 20, 21
 Asian-American Studies 31
 Early Childhood Education 27, 31
 Education 1
 English 30A, 30B, 36, 37, 38, 39
 Ethnic Studies 1, 3, 11, 14, 15, 31
 Geography 5
 History 5A, 5B, 7, 14, 15
 Human Services 11
 Humanities 5, 20, 26B, 31
 Math 55
 Music 12, 16, 17
 Philosophy 1, 3, 20
 Political Science 2, 7
 Psychology 12
 Sociology 3
 Spanish 20A, 20B, 36
 Speech 8

Note: Courses listed here may also be used in Area B, C or D. This requirement is not based on catalog rights. Completion of the following programs also fulfills the multicultural graduation requirement: Basic Police Academy, Associate Degree Nursing; Psychiatric Technology; Radiologic Technology; and Veterinary Technology.

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.

REQUIREMENT 7: 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.

REQUIREMENT 8: 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.
- **CSU GE-Breadth Certification Courses:** These are courses from a California community college that apply to the CSU GE-Breadth certification requirements.
- **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.
- **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.

See www.c-id.net 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 CCC students who have earned an Associate Degree for Transfer. See "Associate Degree for Transfer" for more information on the degree requirements.



CALIFORNIA STATE UNIVERSITY
General Education Breadth Requirements
2023 – 2024 COUNSELOR ADVISING SHEET

Student's Name _____ Student ID: _____

Circle courses completed. List units in column (courses may be counted only once).

AREA A. ENGLISH LANGUAGE COMMUNICATION and CRITICAL THINKING – 9 semester units – Completed with a “C” grade or better. (One course required from area A1, A2 & A3)	Required	C	IP	N
A1. Oral Communication: SPECH 1, 3, 6, 7 College/Course: _____	3			
A2. Written Communication: ENGL 1A, 1E College/Course: _____ AP Exam: _____	3			
A3. Critical Thinking: ENGL 1B, 1C; PHIL 12; SPECH 3 College/Course: _____	3			
AREA B. SCIENTIFIC INQUIRY and QUANTITATIVE REASONING – 9 semester units (One course required from area B1 & B2 (at least one to contain a laboratory component) & B4	Required	C	IP	N
B1. PHYSICAL SCIENCE: ASTRO 1; CHEM 1A, 1B, 2A, 2B, 10, 18A, 18B; ECOL 10, 12; GEOG 1; GEOL 8, 10L, 11L, 12, 20; PHYS 2A, 2B, 4A, 4B, 4C; PHYSC 10B College/Course: _____ AP Exam: _____	3-4			
B2. LIFE SCIENCE: AG 45; ANTHR 1; BIOL 1, 2, 3, 4, 5, 6, 10, 10L, 15, 24, 24L, 25, 30; ECOL 10, 12; PLSCI 20, 22 College/Course: _____ AP Exam: _____	3-4			
B3. LABORATORY ACTIVITY: ASTRO 1A; BIOL 1, 2, 3, 4, 5, 6, 10L, 11, 15, 24L; CHEM 1A, 1B, 2A, 2B, 18A, 18B; ECOL 11; GEOG 1L; GEOL 8L, 10L, 11L; PHYS 3A, 3B, 4A, 4B, 4C; PHYSC 10C; PLSCI 20A, 22A College/Course: _____ AP Exam: _____	0-1			
B4. Mathematics/Quantitative Reasoning – Completed with a “C” grade or better MATH 1A, 1B, 1C, 2, 3, 9, 10, 15, 16, 20, 21, 25; PSYCH 6; STAT 1 College/Course: _____ AP Exam: _____	3			
AREA C. ARTS and HUMANITIES – 9 semester units (Must include courses from areas C1 & C2. Courses must be taken in at least two disciplines)	Required	C	IP	N
C1. ARTS (Art, Cinema, Dance, Music, Theatre): ART 1A, 1B, 3A, 3B, 5; ASIAN 31; ENGL 34; HUMAN 5, 10, 11, 26A, 26B, 31, 34; MUSIC 1, 1A, 1B, 3, 8A, 8B, 12, 15, 16, 17, 18; PHOTO 22; SPECH 2; THART 10, 32, 33, 34 College/Course: _____ AP Exam: _____	3			
C2. HUMANITIES (Literature, Philosophy, Languages Other Than English): ASIAN 31; ECE 39; ENGL 1B, 30A, 30B, 31A, 31B, 36, 37, 38, 39, 42, 46A, 46B; ETHN 14, 15, 31; FRNCH 1, 2; HIST 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B, 29; HUMAN 10, 11, 20, 31; MUSIC 12; PHIL 1, 2, 3, 6, 20; POLSC 6; SIGN 2, 3; SPAN 1, 2, 3, 10, 20A, 20B; SPECH 2 College/Course: _____ AP Exam: _____	3			
C1 or C2: Course chosen from C1 or C2 – that has not already been used to complete C1 or C2	3			
AREA D. SOCIAL SCIENCES – 6 semester units (Courses must be taken in at least two disciplines)	Required	C	IP	N
AJ 10, 19; ANTHR 2, 3; ECE 3, 31; ECON 1A, 1B, 8; ENGL 39; ETHN 1, 3, 4, 11, 14, 15; GEOG 5; HIST 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B, 29; MCOMM 2; PHIL 6; POLSC 1, 2, 3, 6, 7, 8; PSYCH 1A, 6, 7, 12, 22, 33, 41, 46; SOCIL 1, 2, 3, 6, 10, 30; SPECH 8 College/Course: _____ AP Exam: _____	3			
College/Course: _____ AP Exam: _____	3			
AREA E. LIFELONG LEARNING and SELF-DEVELOPMENT – 3 semester units (Courses cannot be all in Physical Activities – KINES/ATHL)	Required	C	IP	N
COUNS 10, 25, 33; ECE 3; HLTH 1, 3, 6; PE (1.5 unit maximum): ATHL 1.55R, 2.01R, 2.03R, 2.04R, 2.07R, 2.09R, 2.11R, 2.13R, 11R, 12R, 15R, 16R, 17R, 31R, 32R, 33R, 36R, 37R; KINES 1.21, 1.22, 1.25, 1.26, 1.27, 1.31, 1.33, 1.34, 1.36, 1.37, 1.42, 1.57, 1.57B, 1.59, 1.71, 1.75, 1.76, 1.77, 1.79, 3, 4, 6, 20; PSYCH 1A, 12, 33, 41; SOCIL 30 College/Course: _____ AP Exam: _____	3			
College/Course: _____ AP Exam: _____				
AREA F. ETHNIC STUDIES – 3 semester units	Required	C	IP	N
ETHN 1, 11 College/Course: _____	3			

CSU Graduation Requirement in U.S. History, Constitution & American Ideals – 6-9 semester units (Select courses to satisfy US 1, 2, & 3)	Required	C	IP	N
US 1: Historical Development of American Institutions & Ideals: ETHN 15; HIST 15, 16A, 16B, 17A, 17B, 29	3			
US 2: US Constitution and Government: POLSC 1 (AP US Government with a score of 3, 4, or 5 satisfies US 2 but not US 3)	3			
US 3: California State and Local Government: POLSC 1, 3	3			

NOTE: This pattern is designed to satisfy the 39 units of lower division General Education (GE) requirement to any CSU campus. ● A course with a grade of "P" or "CR" may be used if the grading policy of the community college where the course was taken states that the "P" or "CR" grade is equivalent to a "C" grade or better. ● Catalog rights do not apply to CSU GE-B. Courses must be on the CSU GE-B at the time the course was taken. ● Courses taken in person or online at other community colleges will be applied to CSU GE-B according to how they were approved at the college and semester where completed. ● Woodland Community College and Yuba College do not share CSU GE-B patterns. If taking a course in person or online at WCC, check to see what area it satisfies on WCC's pattern. ● Courses listed in more than one area may only be used once except for courses in US History, Constitution and American Ideals. ● Advanced Placement (AP) exams completed with a score of 3, 4, or 5 may be applied to the CSU GE-B. See "Advanced Placement Examinations" in the catalog for more information. ● Students majoring in Engineering may be waived/exempted from specific areas of CSU GE-B for some campuses. ● Students majoring in Liberal Studies may be required to complete specific course in each area of CSU GE-B. **Contact a Yuba College Counselor for CSU GE-B and major information at 530.634.7766.**

CSU campuses may have additional graduation requirements outside of GE. See below CSU Chico and CSU Sacramento graduation requirements.

CSU CHICO

UNITED STATES DIVERSITY – Select one course from below (Can be double-counted in the CSU GE-B):

- Administration of Justice 10 – Introduction to Criminal Justice System (3)
- Administration of Justice 19 – Multicultural Communities and the Justice System (3)
- Asian American Studies 31 /Humanities 31– Asian American Humanities and Cultures (3)
- Early Childhood Education 3 – Child Growth and Development (3)
- English 36 – American Ethnic Voices (3)
- English 39 – LGBT+ Literature and Film (3)
- Ethnic Studies 1 – Introduction to Chicano Studies (3)
- History 14 – Asian-American History (3)
- History 15 – Mexican American History (3)
- History 16A – African - American History to 1865 (3)
- History 16B – African - American History (3)
- History 29 – Women in American History (3)
- Human Services 11 – Understanding Diverse Racial & Ethnic Cultures (3)
- Sociology 5 – Sociology of Race and Ethnicity (3)
- Speech 8 – Intercultural Communication (3)

GLOBAL CULTURES REQUIREMENT – Select one course from below (Can be double-counted in the CSU GE-B):

- Anthropology 2 – Cultural Anthropology (3)
- Art 5 /Humanities 5 – Art Appreciation (3)
- Art 20, African, Oceanic, and Native American Art History Survey (3)
- Art 21 – Asian Art History (3)
- History 5A – World Civilizations (3)
- History 5B – World Civilizations (3)
- Music 16 – World Music (3)
- Philosophy 20 – World Religions (3)

CSU SACRAMENTO

RACE AND ETHNICITY – Select one course from below (Can be double-counted in the CSU GE-B):

- English 36 – American Ethnic Voices (3)
- Speech 8 – Intercultural Communication (3)

ENGLISH 20 – Select one course from below (Can be double-counted in Area A3 – Critical Thinking):

- To satisfy this requirement students may choose Yuba Community College District English 1B or English 1C.
- These courses may "double count" to meet both CSUS English 20 graduation requirement and Critical Thinking, Area A3.

FOREIGN LANGUAGE PROFICIENCY – (May be double-counted in the CSU GE-B): May be met by any one of the following:

1. Completion of the third year of a foreign language in high school (grade of "C-" or better). Official High School transcript required.
2. Graduation from a secondary school where the language of instruction was not English.
3. Advanced Placement Foreign Language Examination scores of 3, 4, or 5.
4. Completion of two semesters of a foreign language at a community college or university, with a grade of "C-" or better. Proficiency must be demonstrated at a level comparable to the second semester (1B level) of college level language (i.e. Spanish 2 at Yuba Community College District).

Exempt Majors:

- If you have declared any of the following majors, then you are EXEMPT from the Foreign Language Graduation Requirement:
 - **Business Administration** – all concentrations
 - **Computer Science** – all concentrations
 - **Chemistry** – B.S. only
 - **Engineering** – all concentrations
 - **Kinesiology** – Ex Sci only
 - **Nursing** – all concentrations
 - **Physics** – B.S. only
 - **Public Health** – all concentrations
 - **Recreation, Parks, Tourism Administration = Hospitality and Tourism Management BS; Recreation Administration BS; Recreation Therapy BS**

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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.

Upper Division Transfer Admission Requirements:

Students are eligible for admission with 60 or more CSU transferable semester units (90 quarter units) if they:

- Have a grade point average of 2.00 or better (2.40 minimum for California non-residents) in all CSU transferable college units attempted
- Are in good standing at the last college or university attended (i.e. eligible to re-enroll)
- Have completed or will complete prior to transfer at least 30 semester units (45 quarter units) of CSU general education requirements with a grade of "C" or better in each course including all of the general education requirements in Area A: Communication in the English Language (English composition, oral communication, and critical thinking) and at least one course of at least 3 semester units (4 quarter units) required in Area B4: Mathematics/ 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 Areas A and B4 must be completed prior to transfer.

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



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A Guarantee.com**SM
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 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 IGETC (CSU version) or CSU GE-Breadth
- 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)
- ◆ Early Childhood Education (A.S.-T)
- ◆ English (A.A.-T)
- ◆ Environmental Science (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 (A.S.-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 or four-year courses or universities.

General Education-Breadth (CSU GE-B) Requirements for CSU

The CSU General Education-Breadth program allows California community college transfer students to fulfill lower division general education-breadth requirements for any CSU campus prior to transfer. This curriculum provides an alternative to the IGETC requirements and to the campus-specific GE-Breadth requirements. It is important to note that CSU GE-Breadth certification is not a minimum admission requirement, nor does completion guarantee admission to the campus or program of choice.

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Up to 39 of the 48 CSU GE-Breadth units required can be transferred from and certified by a California community college. Students who are certified with 39 semester units of lower division CSU GE-Breadth units cannot be held to additional lower division CSU GE-Breadth courses at the CSU campus. Upon enrollment at CSU, all transfer students will be required to complete a minimum of 9 semester units of upper division general education. Students without certification may be held to the general education pattern developed for CSU students, which may vary greatly from the community college CSU GE-Breadth pattern.

CSU GE-B Notes:

- Additional courses may be added to the Yuba College CSU GE-Breadth. An updated Yuba College CSU GE-Breadth Requirement Sheet may be obtained from the Counseling Office, the Transfer Center webpage or www.assist.org.
- Catalog rights do not apply to CSU GE-B. Courses must be on the CSU GE-B at the time they are taken or approved.
- Yuba College and Woodland Community College do not share CSU GE-B 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 CSU GE-B according to how they were approved at the college and semester in which they were completed.
- Students majoring in Engineering may be waived/exempted from specific areas of CSU GE-Breadth for some CSU campuses.
- Students majoring in Liberal Studies may be required to complete specific courses in each area of CSU GE-Breadth.
- Advanced Placement (AP) examinations completed with a score of 3, 4, or 5 may be applied to the CSU GE-B. See "Advanced Placement 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.

CSU GE-Breadth for STEM (only for the AS-T in Biology, AS-T in Chemistry, and AS-T in Environmental Science):

- Area A - All requirements in English Language, Communication, and Critical Thinking
- Area B - All requirements in Scientific Inquiry, and Qualitative Reasoning
- Area C - One course in C1: Arts and one course in C2: Humanities
- Area D - One course in Social and Behavioral Sciences
- Area E - One course in Lifelong Learning and Self-Development
- Area F - One course in Ethnic Studies

The remaining requirements are deferred until after transfer, at which time they must be completed.

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

One course from History (HIST) 15, 16A, 16B, 17A, 17B or 29 combined with Political Science (POLSC) 1. These courses may also be used simultaneously to satisfy course requirements on the CSU GE-Breadth or IGETC.

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 Intersegmental General Education Transfer Curriculum (IGETC) 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.

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(<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 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 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.

Intersegmental General Education Transfer Curriculum (IGETC) to CSU and UC

The Intersegmental General Education Transfer Curriculum is a general education program that California community college transfer students may use to fulfill lower-division general education requirements for any California State University (CSU) or University of California (UC) and many California private colleges and universities. This curriculum provides an alternative to the CSU General Education-Breadth requirements, the UC GE/Breadth requirements, and many private colleges' general education requirements. It is important to note the IGETC is not an admission requirement, nor does completion of the IGETC guarantee admission to the college, university, or program of choice.

The IGETC is most helpful to students who want to keep their options open—those who know they want to transfer but have not yet decided upon a particular college, university, or major. Certain students, however, will not be well served by following the IGETC. Students who intend to transfer into a major that requires extensive lower division preparation, such as engineering or the physical and natural sciences, should concentrate on completing the many prerequisites for the major that the college evaluates to determine eligibility for admission. A counselor or a UC/CSU/private college admissions representative can advise which path is best. If students choose to follow the IGETC they must complete it to have if fully certified otherwise they will be required to satisfy the lower division general education requirements of the UC/CSU/private college or university. Some campuses, however, will permit a maximum of two requirements to be unmet prior to transfer. Completion of the remaining requirements is required upon transfer. See a counselor for information about IGETC.

Additional courses may be added to the Yuba College IGETC. An updated IGETC may be obtained from the Yuba College Counseling Office, the Transfer Center or www.assist.org

IGETC for STEM

(ONLY for the AS-T in Biology, AS-T in Chemistry, and AS-T in Environmental Science)

- Area 1 - All courses in English Communication
- Area 2A - One course in Mathematical Concepts and Quantitative Reasoning
- Area 3 - One course in 3A: Arts and one course in Area 3B: Humanities
- Area 4 - One course from Area 4: Social and Behavioral Sciences
- Area 5 - All courses in Physical and Biological Sciences
- Area 7 - One course in Ethnic Studies

Note: The remaining courses are deferred until after transfer at which time they must be completed.



**Intersegmental General Education Transfer Curriculum (IGETC)
2023 – 2024 COUNSELOR ADVISING SHEET**

Student's Name: _____

Student ID: _____

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University or University of California system, and some private and Out-of-State institutions without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements. Contact a Yuba College Counselor for IGETC and major information at 530.634.7766.

NOTE: All courses must be completed with a grade of "C" or better. ●A course with a grade of "P" or "CR" may be used if the grading policy of the community college where the course was taken states that the "P" or "CR" grade is equivalent to a "C" grade or better. ●The UC will allow no more than 14 units total taken with "P" or "CR" grades toward UC transfer. ●Catalog rights do not apply to IGETC. Courses must be on the IGETC at the time the course is taken. ●Woodland Community College and Yuba College do not share IGETC patterns. If taking a course in person or online at WCC, check to see what areas it satisfies on WCC's pattern. ●Course taken in person or online at other community colleges will be applied to IGETC according to how they were approved at the college and semester where completed. ●Courses listed in more than one area may only be used once except for courses in Area 6: LOTE, as well as courses in US History, Constitution and American Ideals. ●Advanced Placement (AP) exams completed with a score of 3, 4, or 5, may be applied to IGETC. See "Advanced Placement Examinations" in the catalog for more information. ●Transfer credit may be limited by UC and CSU for similar courses or for introductory courses taken after more advanced courses. ●Some University of California colleges/schools/majors do not accept IGETC. See <http://www.admission.universityofcalifornia.edu> or each UC's website for more information. See ASSIST at www.assist.org for details or consult a counselor.

Legend: C = Completed IP = In Progress N = Need				
AREA 1 – ENGLISH COMMUNICATION (CSU – 3 courses required, <u>ONE</u> each from Area 1A, 1B and 1C) (UC – 2 courses required, <u>ONE</u> each from Area 1A and 1B)	Required	C	IP	N
1A: ENGLISH COMPOSITION (1 course; 3 semester units): ENGL 1A, 1E College/Course: _____ AP Exam: _____	3			
1B: CRITICAL THINKING – ENGLISH COMPOSITION (1 course; 3 semester units): ENGL 1B, 1C College/Course: _____ (No AP scores accepted for this area)	3			
1C: ORAL COMMUNICATION (1 course; 3 semester units (CSU requirement only): SPECH 1, 3, 6, 7 College/Course: _____ (No AP scores accepted for this area)	3			
AREA 2A – MATHEMATICAL CONCEPTS and QUANTITATIVE REASONING (1 course; 3 semester units)	Required	C	IP	N
MATH 1A, 1B, 1C, 2, 3, 9, 10, 20, 25; STAT 1 College/Course: _____ AP Exam: _____	3			
AREA 3 – ARTS and HUMANITIES (3 courses; 9 semester units) At least <u>ONE</u> course from the Arts and <u>ONE</u> course from the Humanities.	Required	C	IP	N
3A. ARTS: ART 1A, 1B, 3A, 3B, 5; ENGL 34; HUMAN 5, 26A, 26B, 34; MUSIC 3, 8A, 8B, 12, 15, 16, 17, 18; THART 10, 32, 33, 34 College/Course: _____ AP Exam: _____	3			
3B. HUMANITIES: ART 20, 21; ASIAN 31; ENGL 1B, 30A, 30B, 36, 37, 38, 42, 46A, 46B; ETHN 14, 15, 31; HIST 4A, 4B, 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B; HUMAN 10, 11, 20, 31; MUSIC 1A, 1B; PHIL 1, 2, 3, 6, 20; POLSC 6; SIGN 3; SPAN 2, 3, 20A, 20B; THART 33 College/Course: _____ AP Exam: _____	3			
3A or 3B: Course chosen from 3A or 3B – that has not already been used to complete 3A or 3B. College/Course: _____ AP Exam: _____	3			

AREA 4 – SOCIAL and BEHAVIORAL SCIENCES (2 courses; 6 semester units) from at least <u>2 disciplines</u> or an <u>interdisciplinary sequence</u> .	Required	C	IP	N
ANTHR 2, 3; COUNS 33; ECE 3, 31; ECON 1A, 1B, 8; ENGL 39; ETHN 1, 3, 4, 11, 14, 15; GEOG 5; HIST 5A, 5B, 7, 14, 15, 16A, 16B, 17A, 17B, 29; PHIL 6; POLSC 1, 2, 3, 6, 7, 8; PSYCH 1A, 7, 12, 22, 33, 41, 46; SOCIL 1, 2, 3, 6, 10, 30; SPECH 8	3			
College/Course: _____ AP Exam: _____				
College/Course: _____ AP Exam: _____	3			

AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES (2 courses; 7-9 semester units) <u>ONE</u> Physical Science course and <u>ONE</u> Biological Science course AND at least <u>ONE</u> must include a laboratory.	Required	C	IP	N
5A. PHYSICAL SCIENCE: ASTRO 1; CHEM 1A, 1B, 2A, 2B, 10, 18A, 18B; GEOG 1; GEOL 8, 10L, 11L, 12, 20; PHYS 2A, 2B, 4A, 4B, 4C; PHYSC 10B	3-4			
College/Course: _____ AP Exam: _____				
5B. BIOLOGICAL SCIENCE: ANTHR 1; BIOL 1, 2, 3, 4, 5, 6, 10, 10L, 15, 24, 24L, 25, 30; ECOL 10; PLSCI 20, 22	3-4			
College/Course: _____ AP Exam: _____				
5C. LABORATORY: ASTRO 1A; BIOL 1, 2, 3, 4, 5, 6, 10L, 11, 15, 24L; CHEM 1A, 1B, 2A, 2B, 18A, 18B; ECOL 11; GEOL 8L, 10L, 11L; PHYS 3A, 3B, 4A, 4B, 4C; PHYSC 10C; PLSCI 20A, 22A	0-1			
College/Course: _____ AP Exam: _____				

AREA 6. LANGUAGES OTHER THAN ENGLISH (UC Requirement Only) Proficiency equivalent to:	Required	C	IP	N
<input type="checkbox"/> Completion of two years of high school study in the same language with a grade of "C-" or better in each course. <input type="checkbox"/> Satisfactory score, 3 or higher, on the College Board Advanced Placement examinations in languages other than English. <input type="checkbox"/> 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. <input type="checkbox"/> 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, 3; SPAN 2, 3, 20A, 20B				
See a counselor for other options to complete this requirement.				

AREA 7 – ETHNIC STUDIES (1 course; 3 semester units) This course must be in Ethnic Studies or in a similar field provided that the course is cross-listed with ethnic studies.	Required	C	IP	N
ETHN 1, 11	3			
College/Course: _____				

CSU Graduation Requirement in U.S. History, Constitution & American Ideals – Select courses to satisfy US 1, 2, & 3 (6-9 semester units)	Required	C	IP	N
US 1: Historical Development of American Institutions & Ideals: ETHN 15; HIST 15, 16A, 16B, 17A, 17B, 29	3			
US 2: US Constitution and Government: POLSC 1 (AP US Government with a score of 3, 4, or 5 satisfies US 2 but not US 3)	3			
US 3: California State and Local Government: POLSC 1, 3	0-3			

NOTE: The CSU U.S. History, Constitution, and American Ideals (AI) graduation requirement is not part of IGETC; may be completed prior to transfer. Courses used to satisfy this requirement may also be listed and applied to IGETC Areas 3B and/or 4. Log on to www.assist.org for more info.

IGETC COMPLETED: California State University [] CSU Graduation Requirement in U.S. History, Constitution & American Ideals []
University of California []

Completed _____

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IGETC Notes:

- All courses must be completed with a "C" grade or better.
- A course with a grade of "P" or "CR" may be used as long if the grading policy of the community college where the course was taken states that the "P" or "CR" grade is equivalent to a "C" grade or better. The UC will allow no more than 14 units total taken with "P" or "CR" grades toward UC transfer.
- Catalog rights do not apply to IGETC. Courses must be on the IGETC at the time they are taken.
- Woodland Community College and Yuba College do not share IGETC patterns. If taking a course in person or online at WCC, check to see what area it satisfies on WCC's pattern.
- Courses taken in person or online at other community colleges will be applied to IGETC according to how they were approved at the college and semester where completed.
- Courses listed in more than one area may only be used once except for courses in Area 6: LOTE as well as courses in US History, Constitution and American Ideals.
- Advanced Placement (AP) exams completed with a score of 3,4, or 5 may be applied to the IGETC. See "Advanced Placement Examinations" in the catalog for more information.
- Transfer credit may be limited by UC and CSU for similar courses or for introductory courses taken after more advanced courses. See ASSIST for details or consult a counselor.
- Some University of California colleges/schools/majors do not accept IGETC. See: admission.universityofcalifornia.edu or each UC's website for more information.

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

California Community College students may take advantage of an initiative that facilitates the transfer to a number of Historically Black Colleges and Universities (HBCUs).

By completing the Intersegmental General Education Transfer Curriculum requirements (IGETC) or the California State University General Education-Breadth pattern (CSU GE-B) 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 and the participating colleges and universities, visit <https://www.californiacommunitycollegehbcutransfer.com/partner-hbcus>.

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

Transfer requirements of the private/independent and out-of-state colleges and universities differ from one institution to another. Students should acquaint themselves with the requirements available online and the current catalog of the college to which they plan to transfer for admission, general education, and major preparation information. It is up to the receiving institution to determine application of credit. The Yuba College Transfer Center has computers with internet access for college websites and catalogs online available for students' use. See a Yuba College counselor for assistance.

Program and Options

Career Technical Education Transitions

The Career Technical Education Transitions Program at Yuba College coordinates the awarding of college credit to high school students who meet approved articulation requirements. An articulated course is one in which the high school instructor/Regional Occupational Program (ROP) and Yuba College faculty have formally agreed that the high school's/ROPs course outline, syllabus, textbook, and final exam are comparable to those in a course of the same major within Yuba College. Students receive credit on a Yuba College transcript once articulation requirements have been completed. The CTE (Career Technical Education) Transitions Program prepares students to earn a certificate, an associate's degree or transfer to a baccalaureate university.

For more information about the CTE Transitions Program, contact the Yuba College CTE Transitions Office at (530) 741-6588, ctetransitions@yccd.edu, visit the Admissions and Records Office at any campus, or see your counselor. Also visit the CTE Transitions website at yc.yccd.edu/student/cte-transitions.

Programs Articulated with ROP and Secondary Institutions

Programs Articulated with ROP and Secondary Institutions Programs listed below have at least one class articulated with area High Schools. Students should check with their counselor to see if there are any active articulations at their school. Teachers for those courses will provide students information on how to be considered for and qualify for college credit. Student can also contact the CTE Transitions Office at Yuba College at ideol@yccd.edu or (530) 741-6588.

Administration of Justice
Agriculture
Art
Automotive Technology
Counseling
Culinary Arts
Early Childhood Education
Engineering
Theatre Arts
Veterinary Technology
Welding

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 47 and 56 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 (18 to 67 units depending on the major), meet competency requirements, fulfill general education requirements, multicultural graduation requirement (MGR), Health/Kinesiology requirement, and complete electives to meet a minimum totaling 60 degree 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 the courses they are engaged in. The Certificate of Achievement certifies that the student has completed all required courses in preparation to enter into the designated career field on their certificate. These certificates are approved by Yuba College and the California Community College Chancellor's Office. Certificates of Training, Advancement, and Competency are typically programs with fewer than 18 units. These certificates are approved by Yuba College and the California Community College Chancellor's Office.

ADMINISTRATION OF JUSTICE

DEGREES:

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

CERTIFICATES OF ACHIEVEMENT:

- Administration of Justice-Basic Police Academy
- Reserve Officer Level I
- Reserve Officer Level II

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
- Administrative Assistant
- Advanced Small 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

CERTIFICATE OF ACHIEVEMENT:

- Culinary Arts

EARLY CHILDHOOD EDUCATION

DEGREES:

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

CERTIFICATES OF ACHIEVEMENT:

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

CERTIFICATES 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

CERTIFICATES OF ADVANCEMENT:

- Academic Preparedness and Career Development

CERTIFICATE OF COMPETENCY:

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

FIRE TECHNOLOGY

DEGREES:

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

CERTIFICATES OF ACHIEVEMENT:

- Fire Technology
- Fire Academy - Fire Fighter I

GEOGRAPHY

CERTIFICATE OF ACHIEVEMENT:

- Geographic Information Systems

GENERAL EDUCATION

(ONLY ONE DEGREE ALLOWED)

DEGREES:

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

CERTIFICATES OF ACHIEVEMENT:

- CSU GE-Breadth
- IGETC - Intersegmental General Education Transfer Curriculum


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

MASS COMMUNICATIONS

DEGREES:

A.A.-Mass Communications

A.S.-Mass Communications

CERTIFICATE OF ACHIEVEMENT:

Mass Communications

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.-Nursing (ADN)

A.S.-LVN to RN Career Mobility Program

CERTIFICATE OF ACHIEVEMENT:

Option 2: LVN to RN Only (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

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 no grade of less than a "C" in any course. In addition, a student must complete one of two general education patterns for transfer, the California State University General Education Breadth (CSU GE-B) pattern or the Intersegmental General Education Transfer Curriculum (IGETC-CSU version). The CSU GE-B for STEM or IGETC for STEM may be completed only when specifically stated as acceptable for the Associate Degree for Transfer. Courses used to satisfy Oral Communication, Written Communication, Critical Thinking, and Quantitative Reasoning of General Education must be completed with a "C" or better grades. If necessary, a student may need to complete transferable elective credit to ensure that CSU 60 transferable units have been completed with a minimum grade point average (GPA) of 2.0.

Students earning an AA-T or AS-T degree must apply for the degree by completing an associate degree for transfer graduation petition form in person at the Counseling Department or Admissions and Records or 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.

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 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

The College holds the graduation ceremony once a year (end of May) and students who wish their name to appear in the graduation program must submit their online 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 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: All courses required for the Certificate of Achievement must be completed with a "C" or better grade.

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) or Certificate of Training (CT) must apply for the certificate by completing a petition for graduation online. Courses may be in progress at the time of application for 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.

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;

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- 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 39.

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

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 101.

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.
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

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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.



PROGRAMS & COURSES

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.

To earn this AA-T degree, students must meet the following Associate in Arts Degree for Transfer requirements (pursuant to SB 1440 law):

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- 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.

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 assign
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

Area 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

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Area B - Select at least 6-7 additional units from the following courses, OR any CSU transferable Administration of Justice lower division course OR courses outside the Administration of Justice discipline that are articulated as lower division major preparation for the Criminal Justice or Criminology Major at any CSU.

SOCIL 1	Introduction to Sociology	3
PSYCH 1A	General Psychology	3
STAT 1	Introduction To Statistical Methods	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 CSU GE-B or IGETC (CSU version), 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

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 18 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 multicultural graduation requirement and the health requirement. Please see your counselor for additional information.

CORRECTIONS

ASSOCIATE IN SCIENCE

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 nine to 880 hours of training. Both State agencies require Continued Professional Training (CPT) every two years for P.O.S.T. and annually for S.T.C. for anyone working in a law enforcement environment.

Students who complete this program should be able to:

1. Explain the functional relationship between Corrections and law Enforcement.
2. Analyze complex situations, employ a reasonable plan for resolution and devise methods for appraisal of desired outcomes as they apply to Correctional Science.
3. Demonstrate an understanding of Corrections to difficulties in society, based on factors from the neighborhood, the home, and the individual.

REQUIRED COURSES

AJ 11	Criminal Law	3
AJ 20	Juvenile Law and Procedures	3
AJ 30	Introduction to Corrections	3
AJ 31	Criminal and Delinquent Behavior	3
AJ 33	Introduction to Correctional Counseling	3
AJ 34	Correctional Treatment Programs	3

Complete 3 units from the following:

AJ 10	Introduction to Criminal Justice System	3
AJ 14	Criminal Justice Process	3
AJ 19	Multicultural Communities and the Justice System	3
AJ 21	Narcotics and Drugs	3
HUSEV 10	Introduction to Human Services	3
Any Psychology or Sociology course	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 21

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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.
4. 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.
5. 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.
6. Demonstrate an understanding of the American Criminal Justice system and the scope of responsibilities of the various local, state, and federal law enforcement agencies.
7. 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.
8. 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.

9. Demonstrate knowledge of the rules of evidence, legal definitions, and concepts of evidentiary law; apply basic investigative proficiencies.
10. 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.

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

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 21

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

ADMINISTRATION OF JUSTICE- BASIC POLICE ACADEMY

CERTIFICATE OF ACHIEVEMENT

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. Explain appropriate investigative techniques and responsibilities at a crime scene to explain mastery of crime scene management.
2. Identify law enforcement organizational composition to include paramilitary rank structure, methods of police deployment, and resources available to police operations.
3. Explain of the role of the community in a partnership with law enforcement including, but not limited to, interpersonal skills of effective written and oral communication required of a law enforcement officer.

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4. Explain the role of the community in a partnership with law enforcement including, but not limited to, the critical thinking required of a law enforcement officer.

REQUIRED COURSES		UNITS
AJ 58A	Basic Peace Officer Training	23
AJ 58B	Basic Peace Officer Training	5.5
AJ 58C	Basic Police Officer Training	5
TOTAL UNITS REQUIRED FOR CERTIFICATE		33.5

RESERVE OFFICER LEVEL 1

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:

1. Apply criminology and criminal justice theories, principles and concepts to address real-life situations in the field.
2. 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.
3. 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.
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 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 2 program is to continue the student's comprehensive introduction to law enforcement, and to provide students with a Level 2 Reserve Officer certificate that would allow them to seek entry level employment as a Level 2 Reserve Peace Officer. Students who complete the Reserve Officer Level 2 program also qualify to attend the Reserve Officer Level 1 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	13
TOTAL UNITS REQUIRED FOR CERTIFICATE		13

COURSES

AJ-10 3 UNITS

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. (L)

AJ-11 3 UNITS

Criminal Law

TRANSFERABLE TO CSU AND UC- UC UNIT LIMIT

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

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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, 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. (L)

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. (L)

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. (L)

AJ-15 **3 UNITS****Criminal Investigation****TRANSFERABLE TO CSU****C-ID: AJ 140****54 LECTURE HOURS**

Addresses 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. (L)

AJ-16 **3 UNITS****Police Operations****TRANSFERABLE TO CSU****54 LECTURE HOURS**

Philosophy, functions, organization, duties, and analysis of police operational functions, including public service responsibilities and special police problems. (L)

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. (L)

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. (L)

AJ-21 **3 UNITS****Narcotics and Drugs****TRANSFERABLE TO CSU****54 LECTURE HOURS**

Analysis of narcotics and drugs, the physical effects of addiction, and the sociological problems of drug abuse. Students will be introduced to the concept of substance abuse and dependence, the definition of licit and illicit drugs, and the pharmacologic, neurologic and physiologic effects of selected substances on the human brain. Political, social and economic factors involved in the supply and demand for drugs will be discussed. Epidemiologic data on the prevalence, incidence, and trends of smoking, alcohol, prescription and other drug dependencies in the U.S. will be covered, as well as risk factors associated with the use and abuse of these substances. Current options for recovery and a survey of local resources will be reviewed. (L, C)

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. (L)

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AJ-31 3 UNITS

Criminal and Delinquent BehaviorTRANSFERABLE 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. (L)

AJ-33 3 UNITS

Introduction To Correctional CounselingTRANSFERABLE TO CSU
54 LECTURE HOURS

History, objectives, and theories of counseling relevant to corrections; common methods, techniques, and interventions of counseling; understanding the client as a person. A basic course for students planning to enter or who are already employed in the Corrections field. (L)

AJ-34 3 UNITS

Correctional Treatment ProgramsTRANSFERABLE TO CSU
54 LECTURE HOURS

The study of correctional treatment programs concerning juveniles and adults, in both the casework setting and in a custody institution. This is a basic course for students planning to enter or who are already employed in the corrections field. (L)

AJ-50 8 UNITS

Regular Basic Police Academy Modular Format- Module III130 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. (L)

Entrance Requirement(s): DOJ Fingerprint, Medical History and Medical Clearance; Admission through Administration of Justice application process. Students must complete the P.O.S.T. Pellet B Exam earning an advisory score of 42.

AJ-51 13 UNITS

Regular Basic Police Academy Modular Format- Module II217 LECTURE HOURS
56 LAB HOURS

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

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 I237 LECTURE HOURS
184 LAB HOURS

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

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 Course96 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. (L,C)

Entrance Requirement(s): Student must have completed a police academy in California or in another state prior to taking this course.

AJ-54A 1.5 UNITS

Peace Officer Orientation33 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.). (L)

AJ-54B 0.5 UNITS

Peace Officer Orientation-Firearms14 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. (L)

Entrance Requirement(s): DOJ Fingerprint Clearance

AJ-55 27.5 UNITS

Special Investigators Basic Course453 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. (L,C)

Entrance Requirement(s): Students must possess a valid California Driver's License as well as proof of insurance. Students must NOT

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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-61 **1 UNIT****Field Training Officer Update****24 LECTURE HOURS**

This course fulfills the POST training update requirements for current Field Training Officers (FTO). It focuses on the most current training in the core functions of an FTO, which are to teach, mentor, evaluate and document. The instructional techniques used focus on the modern science of learning and specific techniques used to build the student's teaching skills. Students are given the opportunity to work on observation reports and training plans while gaining an understanding of a standardized evaluation process. (L,C)

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

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.

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. Topical areas covered during the 80 hours of instruction include: role identification, leadership styles, values, ethics, motivating employees, assertive leadership, administrative support, employee performance appraisal, employee relations, liability issues, discipline, counseling, planning and organization, communications, investigations, report review, problem solving, training and role transition.

Entrance Requirement(s): Must be a current Probation Officer who either currently holds a supervisor's 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. (L) 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 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.

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.

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 Agricultural Technology 3
AG 70	Precision Farming System 3
GNBUS 30	Business Computer Applications 3
INTERN 45A	First Semester Internship 1-8
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 18 units of General Education requirements, the multicultural graduation requirement, 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.

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

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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 Businesses 3
AG 7	Agricultural Entrepreneurship 3
AG 45	Principles of Animal Science..... 3
AG 60	Preparing for 21st Century Agriculture Workforce..... 3
AG 65	Introduction to Agriculture Technology 3
AG 70	Precision Farming Systems 3
GNBUS 30	Business Computer Applications 3
INTERN 45A	First Semester Internship 1
PLSCI 20	Principles of Plant Science..... 3
PLSCI 22	Introduction to Soils..... 3
TOTAL UNITS REQUIRED FOR DEGREE MAJOR	28

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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 Agriculture Workforce..... 3
AG 65	Introduction to Agriculture Technology 3
AG 70	Precision Farming Systems 3
GNBUS 30	Business Computer Applications 3
INTERN 45A	First Semester Internship 1
PLSCI 20	Principles of Plant Science..... 3
PLSCI 22	Introduction to Soils..... 3
TOTAL UNITS REQUIRED FOR CERTIFICATE	22

COURSES

AGRICULTURE

AG-4 **3 UNITS**

Introduction to Agricultural Business

TRANSFERABLE TO CSU
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.

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. (L,M)

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 identify opportunities and evaluate skills, interests, and identify training and/or education pathways through agriculture career explorations.

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.

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.

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.

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

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.

ANTHR-3 3 UNITS

Introduction To Archaeology

TRANSFERABLE TO CSU AND UC

54 LECTURE HOURS

Introduction to the methods and theories of modern archaeology, including site exploration and interpretation. Patterns of evidence for human behavior from the first humans to the beginnings of written history. (L)

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 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.

Pursuant to SB 1440, students completing an AA-T degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the AA-T in Studio Arts will be required to complete no more than 60 units after transfer to earn a Bachelor's Degree.

To earn the AA-T degree in Studio Arts, students must meet the following requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental GE Transfer Curriculum (IGETC) or the California State University GE-Breadth Requirements (CSU GE-Breadth).
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum CSU transferable grade point average of 2.0.
3. Students must earn a "C" grade or better or "P (Pass) in all courses required for the major or area of emphasis.

See a counselor for more information.

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.

REQUIRED COURSES	UNITS
ART 1B History of Art-II.....	3
ART 4A Drawing and Composition Beginning.....	3
ART 6A Beginning Basic Design.....	3
ART 6B Intermediate Basic Design, 3-D.....	3

List A Courses. Select one (3 units):

ART 1A History of Art-I.....	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 Intermediate.....	3
Painting	
ART 9A Beginning Painting.....	3
Printmaking	
ART 15A Beginning Printmaking.....	3
Ceramics	
ART 12A Beginning Ceramics.....	3
Sculpture	
ART 14A Beginning Sculpture.....	3
Photography	
PHOTO 13 Introduction to Digital Photography.....	3
Color	
ART 2 Color Theory.....	3
Second semester level classes	
ART 9B Intermediate Painting.....	3
ART 12B Intermediate Ceramics.....	3
ART 14B Intermediate Sculpture.....	3
PHOTO 36A Digital Photography.....	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 CSU GE-B or IGETC (CSU version), 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
ART 1A History of Art-1 OR	3
ART 1B History of Art-II.....	3
ART 4A Drawing and Composition Beginning.....	3
ART 6A Beginning Basic Design.....	3
ART 12A Beginning Ceramics OR	3
ART 14A Beginning Sculpture.....	3
ART 4B Drawing and Composition Intermediate OR	3
ART 6B Intermediate Basic Design, 3-D OR	3
ART 2 Color Theory OR	3
ART 5 Art Appreciation.....	3

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Complete twelve (12) units not already used above from the following courses:

ART 1A	History of Art-I.....	3
ART 1B	History of Art-II.....	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 Intermediate.....	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	Beginning Painting.....	3
ART 9B	Intermediate Painting.....	3
ART 11	Mural Painting.....	3
ART 12A	Beginning Ceramics.....	3
ART 12B	Intermediate Ceramics.....	3
ART 14A	Beginning Sculpture.....	3
ART 14B	Intermediate Sculpture.....	3
ART 15A	Beginning Printmaking.....	3
ART 15B	Intermediate Printmaking.....	3
ART 18	Beginning Graphic Arts.....	3
ART 19A	Introduction to Commercial Art.....	3
ART 19B	Commercial Art: Illustration.....	3
ART 20	African, Oceanic, and Native American Art History Survey.....	3
ART 21	Asian Art History.....	3
ART 29	Individual Problems in Design.....	3
ART 31	Basic Photography.....	3
ART 36A	Digital Photography.....	3
ART 40A	Individual Problems in Watercolor.....	3
ART 40B	Individual Problems in Watercolor: Advanced.....	3
ART 41A	Individual Problems in Painting I.....	3
ART 41B	Individual Problems in Painting: Advanced.....	3
ART 42A	Individual Problems in Ceramics I.....	3
ART 42B	Individual Problems in Ceramics II.....	3
ART 43A	Individual Problems in Printmaking.....	3
ART 43B	Individual Problems in Printmaking: Advanced.....	3
ART 44	Individual Problems in Drawing.....	3
ART 46A	Individual Problems in Sculpture I.....	3
ART 46B	Individual Problems in Sculpture II.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 27

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

COMMERCIAL ART

ASSOCIATE IN SCIENCE

REQUIRED COURSES	UNITS	
ART 2	Color Theory.....	3
ART 4A	Drawing and Composition Beginning.....	3
ART 4B	Drawing and Composition Intermediate.....	3
ART 6A	Beginning Basic Design.....	3
ART 6B	Intermediate Basic Design, 3D.....	3
ART 19A	Introduction to Commercial Art.....	3
ART 19B	Commercial Art: Illustration.....	3

Plus 3 units selected from the following:

ART 1A	History of Art-I.....	3
ART 1B	History of Art-II.....	3
ART 8A	Watercolor Painting.....	3
ART 8B	Watercolor Painting.....	3
ART 9A	Beginning Painting.....	3
ART 9B	Intermediate Painting.....	3
ART 12A	Beginning Ceramics.....	3
ART 12B	Intermediate Ceramics.....	3
ART 14A	Beginning Sculpture.....	3

ART 14B	Intermediate Sculpture.....	3
ART 15A	Beginning Printmaking.....	3
ART 15B	Intermediate Printmaking.....	3
ART 31	Basic Photography.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 24

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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
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 18 units of General Education requirements, the multicultural graduation requirement, 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.

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.

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- Demonstrate how to use photography equipment and software.
- Describe photography's place in Art History and the Contemporary Art world.
- Will promote their work in both commercial and fine arts settings.

REQUIRED COURSES **UNITS****12 required units from the following:**

PHOTO 13	Introduction to Digital Photography.....	3
PHOTO 33	Advanced Photography.....	3
PHOTO 35	Creative Photo Documentary.....	3
PHOTO 36A	Digital Photography.....	3

Complete 6 units from the following:

PHOTO 22	History of Photography.....	3
PHOTO 36B	Intermediate Digital Photography.....	3
PHOTO 36C	Advanced Digital Photography.....	3
PHOTO 38	Field Workshop-Black and White.....	1-3
PHOTO 39	Field Workshops-Digital.....	1-3

TOTAL UNITS REQUIRED FOR CERTIFICATE **18****COURSES****ART****ART-1A** **3 UNITS****History of Art I****TRANSFERABLE TO CSU AND UC****C-ID: ARTH 110****54 LECTURE HOURS**

Survey of Art history, painting, sculpture, and architecture; Art from the Paleolithic period through the Early Christian World. (L)

ART-1B **3 UNITS****History of Art II****TRANSFERABLE TO CSU AND UC****54 LECTURE HOURS**

Survey of European Art history, painting, sculpture and architecture from the Renaissance to the 20th Century. (L)

ART-2 **3 UNITS****Color Theory****TRANSFERABLE TO CSU AND UC****C-ID: ARTS 270****36 LECTURE HOURS****54 LAB HOURS**

Study and application of color theory to solve studio problems in fine and applied arts. Historical overview of the uses of color and an analysis of the interaction of color in a laboratory situation.

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 Beginning****TRANSFERABLE TO CSU AND UC****27 LECTURE HOURS****81 LAB HOURS**

Drawing and composition using various materials for basic instruction in perspective, landscape, still life, and other subjects. Grades are P/NP Option.

ART-4B **3 UNITS****Drawing and Composition Intermediate****TRANSFERABLE TO CSU AND UC****C-ID: ARTS 205****27 LECTURE HOURS****81 LAB HOURS**

Students in this class will build on fundamental drawing skills to develop personalized solutions to content and materials in exercises covering multiple historical and contemporary approaches to drawing. (L) Grades are P/NP Option.

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 works and architecture from diverse cultures of the world from the prehistoric period to the present, familiarizing students with art historical context and terminology, visual elements, design principles, and visual art media. (L,C)

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

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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.

Prerequisite(s): ART-8A**ART-9A** **3 UNITS**

Beginning Painting

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. Grades are P/NP Option.

ART-9B **3 UNITS**

Intermediate Painting

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Continued exploration of painting media and techniques. Emphasis on personal style and painting from life. Students will be introduced to painting in a series. (L) 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

Basic studio techniques and processes in hand building, use of the potter wheel, and creative, artistic expression using clay. Introduction to ceramic materials and concepts with processes including basic design principles and creative development in hand building and wheel thrown techniques, techniques for glaze use, firing and ceramic terminology. This course covers aesthetic and creative development of clay objects through examining historical, contemporary, and personal modes of expression across cultures. (L) Grades are P/NP Option.

ART-12B **3 UNITS**

Intermediate Ceramics

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Intermediate techniques and processes for wheel-thrown and hand-built pottery; creative and artistic expression through the use of clay and glazes. (L) 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-15A** **3 UNITS**

Beginning Printmaking

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Students will explore basic printmaking techniques, including intaglio, relief, planographic and stencil. Students will become familiar with historical examples using each of these techniques. Focus on safe and correct use of printmaking materials and equipment and best practices for working in a studio space with others. Covers printmaking studio vocabulary and practice in critique students' own work and the work of others. At the conclusion of the class students will be able to print a consistent edition of prints. Grades are P/NP Option.

ART-15B **3 UNITS**

Intermediate Printmaking

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Students will develop expertise in techniques covered in Art 15A. Advanced printmaking techniques such as solar plate intaglio, mezzotint, and screen-printing with photo emulsion. Students will develop an ability to use printmaking to create original and meaningful content and imagery. Students will learn to work with color and create images using multiple plates. Grades are P/NP Option.

Prerequisite(s): ART-15A

ART-18 3 UNITS

Beginning Graphic Arts

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

This course is an introductory overview of the technical software and aesthetic fundamental elements for creating typography for print ready visual communications. This course includes a study of "letterform," typeface, copy fitting, graphic arts software and the creative application of all the above. (L,C) Grades are P/NP Option.

ART-19A 3 UNITS

Introduction to Commercial Art

TRANSFERABLE TO CSU
27 LECTURE HOURS
81 LAB HOURS

Introduces students to the principles of drawing and design, tools, computer software, and vocabulary and concepts for design of commercial ART-production. Focus is on promotional design skills for client-based product. (C) Grades are P/NP Option.

ART-19B 3 UNITS

Commercial Art: Illustration

TRANSFERABLE TO CSU
27 LECTURE HOURS
81 LAB HOURS

Studio practice in the basic concepts and techniques of commercial illustration, using typical projects that occur in employment situations. Stress on various media, portfolio, and camera ready work. (C) 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
54 LECTURE HOURS

This course is a survey of visual culture within selected regions in Africa, Oceania, and indigenous Americas. Grades are P/NP Option.

ART-21 3 UNITS

Asian Art History

TRANSFERABLE TO CSU AND UC
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

Individual Problems in Ceramics I

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Advanced techniques and processes for creative expression in Ceramics. 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-43A 3 UNITS

Individual Problems Printmaking 1

TRANSFERABLE TO CSU
27 LECTURE HOURS
81 LAB HOURS

Individual problems exploring independent techniques, content, and solutions in printmaking. Grades are P/NP Option.

Prerequisite(s): ART-15B

ART-43B 3 UNITS

Individual Problems in Printmaking: Advanced

TRANSFERABLE TO CSU AND UC
27 LECTURE HOURS
81 LAB HOURS

Exploration into advanced level printmaking techniques and exhibition of work. Students will focus on "working in series" in a single technique, produce an exhibit of work, and write an artist statement. Grades are P/NP Option.

Prerequisite(s): ART-43A

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

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-27 1 UNIT

Photography Materials and Processes

TRANSFERABLE TO CSU
54 LAB HOURS

An additional laboratory experience for those interested in further refining and developing concepts attained in regular course offerings in the photography emphasis in Fine Art.

Co-requisite: PHOTO-13**Limitations on Enrollment:** Course not open for credit to students with credit in ART-27.

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.

PHOTO-38

V1-3 UNITS

Field Workshop-Black and White

TRANSFERABLE TO CSU
9 LECTURE HOURS
27 LAB HOURS (1 UNIT)

18 LECTURE HOURS
54 LAB HOURS (2 UNITS)

18 LECTURE HOURS
108 LAB HOURS (3 UNITS)

Intensive location field workshops covering specific topics in black and white photography especially suited for the particular season and geographic location. Students responsible for cost of meals, lodging, transportation, and materials.

Co-requisite: PHOTO-13

Limitations on Enrollment: Course not open for credit to students with credit in ART-38.

PHOTO-39

V1-3 UNITS

Field Workshops-Digital

TRANSFERABLE TO CSU
9 LECTURE HOURS
27 LAB HOURS (1 UNIT)

18 LECTURE HOURS
54 LAB HOURS (2 UNITS)

18 LECTURE HOURS
108 LAB HOURS (3 UNITS)

Intensive location field workshops covering specific topics in digital photography especially suited for the particular season and geographic location. Students responsible for cost of meals, lodging, transportation and materials.

Co-requisite: PHOTO-13

Limitations on Enrollment: Course not open for credit to students with credit in ART-39.

Photography & Art Families of Classes**ART DESIGN:****Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- ART 2—Color Theory
- ART 6A—Beginning Basic Design
- ART 6B—Intermediate Basic Design, 3D
- ART 18—Beginning Graphic Arts

CERAMICS:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- ART 12A—Beginning Ceramics
- ART 12B—Intermediate Ceramics
- ART 42A—Individual Problems in Ceramics I
- 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 41 for details.)

- ART 19A—Introduction to Commercial Art
- ART 19B—Commercial Art: Illustration

DRAWING:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- ART 4A—Drawing and Composition Beginning
- ART 4B—Drawing and Composition Intermediate
- 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 41 for details.)

- ART 8A—Watercolor Painting
- ART 8B—Watercolor Painting
- ART 9A—Beginning Painting
- ART 9B—Intermediate Painting
- ART 41A—Individual Problems in Painting I
- ART 41B—Individual Problems in Painting: Advanced

PRINTMAKING:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- ART 15A—Beginning Printmaking
- ART 15B—Intermediate Printmaking
- ART 43A—Individual Problems Printmaking 1
- ART 43B—Individual Problems in Printmaking: Advanced

SCULPTURE:**Family of Classes**

(No more than four classes can be attempted within each family of classes listed below. See page 41 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, with a special focus on Asian American populations in the local area, challenges faced by immigrants, discriminatory legislation. Course also looks at the contributions of Asian American groups and the ways these have impacted American culture, as well as the ongoing struggle of Asian American groups to dispel racism, misunderstandings and prejudice while maintaining traditional religious, cultural, and linguistic traditions. Survey of Asian-American cultures. (L)

Limitations on Enrollment: Not open for credit to students with credit in ETHN 31 or 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 V0.5-1.5 UNITS

Sports Conditioning

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
4.5 LECTURE HOURS
13.5 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; as well as the practical application of various physical training concepts. Grades are P/NP Option.

ATHL2.11R 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. Grades are P/NP Option.

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 Training 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 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 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 51.20	Automotive Technical Skills.....	3
AUTO 21	Introduction to Automobiles	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 52.61B	Engine Machining and Reconditioning Experience.....	1
AUTO 52.62A	Automatic Transmission and Transaxle Experience	1
AUTO 52.62B	Manual Drivetrain and Axles Experience	1

TOTAL UNITS REQUIRED FOR DEGREE MAJOR**41**

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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

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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 18 units of General Education requirements, the multicultural graduation requirement, 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.

AUTOMOTIVE DRIVE TRAINS CERTIFICATE OF ACHIEVEMENT

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 Training parallel the national voluntary mechanics testing program offered by A.S.E., and are designed to prepare students to pass the A.S.E. tests.

Students who complete this program should be able to:

1. Demonstrate the job ready skills needed to obtain entry level employment in the Auto Body industry.
2. Demonstrate personal and professional health practices required for the Auto body Industry.
3. Demonstrate professional work ethics and standards that are expected when working in the Auto body industry.

REQUIRED COURSES	UNITS	
AUTO 20	Automotive Technical Skills.....	3
AUTO 22	Hydraulics (Fluid Power).....	3
AUTO 30	Manual Drive Trains-Gas and Diesel Vehicles.....	3
AUTO 31	Automatic Transmissions Gas and Diesel Vehicles.....	4
AUTO 62A	Auto Transmission/Transaxle Exp.....	2
AUTO 62B	Manual Drivetrain and Axles Exp.....	2
Plus 1 additional unit of AUTO classes.....	1	
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 53.33	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 basic technical skills used by all automotive service and repair technicians in the area of brake systems. To include tool selection, use and maintenance, practical measuring skills, nomenclature, system function, system.
2. Demonstrate basic technical skills used by all automotive service and repair technicians in the area of heating, ventilation and air-conditioning. To include tool selection, use and maintenance, practical measuring skills, nomenclature.
3. Demonstrate basic technical skills used by all automotive service and repair technicians in the area of suspension and steering. To include tool selection, use and maintenance, practical measuring skills, nomenclature, systems function.

REQUIRED COURSES	UNITS	
AUTO 21	Introduction to Automobiles.....	3
AUTO 51.20	Automotive Technical Skills.....	3
AUTO 52.36	Air Conditioning and Heating 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, and advanced fuel systems with emphasis on diagnosis, service

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- and repair, proper safety awareness in hybrid service, 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, 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, cleaning method

REQUIRED COURSES	UNITS
AUTO 51.20 Automotive Technical Skills.....	3
AUTO 21 Introduction to Automobiles	3
AUTO 52.30 Manual Drive Trains/Gas/Diesel Vehicles	3
AUTO 52.36 Air Conditioning and Heating 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 52.61B Engine Machining and Reconditioning Experience.....	1
AUTO 52.62A Automatic Transmission and Transaxle Experience	1
AUTO 52.62B Manual Drivetrain and Axles Experience	1

TOTAL UNITS REQUIRED FOR CERTIFICATE 41

ENGINE PERFORMANCE/ DRIVABILITY 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 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 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 appropriate mathematical concepts and methods to measure and calculate for needed repair and diagnosis.
2. Demonstrate how to identify mechanical or component damage that is either direct (you can see it) or indirect (the damage you cannot see) in a 3C's format. The complaint, the cause, the correction.
3. Utilize the appropriate diagnostic equipment, documentation, and troubleshoot principles on various automobile systems.
4. Identify and implement safety procedures involved in the diagnosis, service, and repair of all manor automobile and light truck systems.

REQUIRED COURSES	UNITS
AUTO 51.20 Automotive Technical Skills.....	3
AUTO 21 Introduction to Automobiles	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.

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.

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.

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AUTO-52.46**3 UNITS**

Engine Machining and Reconditioning

36 LECTURE HOURS
54 LAB HOURS

This course covers an advanced comprehensive study of automotive engine machining and reconditioning techniques. Emphasis is placed on high performance production machining, machining of engine blocks, cylinder heads, valves and valve seats, connecting rods, cleaning and reassembling techniques, proper disassemble, and precision measurements. This course is intended for students who desire further study and skills working with automotive engine machining and assembly methods. Students are strongly encouraged to have college-level reading, basic mathematics, and computer literacy skills. Grades are P/NP Option.

Co-requisite: AUTO-52.45**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-52.45; 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-52.61B**1 UNIT**

Engine Machining/Reconditioning Exp

54 LAB HOURS

This course covers individualized advanced techniques with a strong emphasis on specialized training in automotive engine machining and reconditioning. Emphasis is placed on engine tear-down, in-depth engine machining procedures, assembly component fit and high performance engine considerations. This course is intended primarily for students with prior practical experience in automotive engine machining and reconditioning. Students are strongly encouraged to have problem solving and computer literacy skills. Grades are P/NP Option.

Prerequisite(s): AUTO-52.46**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-52.61C**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**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.

Prerequisites: AUTO 52.31**Co-requisite:** AUTO-51.20; AUTO 21

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. (C) 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. (C) Grades are P/NP Option.

Prerequisite(s): AUTO.52.41

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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. (C) 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-53.22**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.**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

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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.

PHYS 3B	General Physics Laboratory	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 CSU GE-B for STEM or IGETC for STEM (CSU version), all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

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.

Associates in Science in Biology for Transfer requirements (as stated in SB1440 law) requires students to complete the following:

- Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education - Breadth Requirements.
 - b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
- Obtainment of a minimum grade point average of 2.0.
- Students must earn a "C" grade or better in all courses required for the major or area of emphasis.

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 Introductory Chemistry	5
CHEM 1B Introductory Chemistry	5
MATH 1A Single Variable Calculus-Early Transcendentals	4

Complete 8 units from one of the following groups:

PHYS 2A General Physics	3
PHYS 3A General Physics Laboratory	1
PHYS 2B General Physics	3

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
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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 18 units of General Education requirements, the multicultural graduation requirement, 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.

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 requires parallel many of the prerequisites required in allied health programs. A common core of course provides 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 Colleges, California State University, and private college and university undergraduate Allied Health programs such as Nursing (LVN, AND, BSN), Respiratory Care, Radiologic Technology, Physical Therapy Assistant, Occupations Therapy Assistant, and Dental Hygiene as well as graduate Allied Health programs in Physical Therapy and Occupations 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. Analysis data/Information In addressing and evaluating scientific problems and Issues while making decisions.
2. Use the Scientific Method to correctly Interpret experimental data and effectively communicate the findings and Implications of that data in writing.
3. Demonstrate proficient laboratory techniques within a given Allied Health field.

REQUIRED COURSES	UNITS
BIOL 4 Human Anatomy.....	4
BIOL 5 Human Physiology.....	4
PSYCH 1A General Psychology.....	3

Choose One Option Below:

Option 1: Pre-Nursing (ADN and BSN)

BIOL 6	Introductory Microbiology.....	4
HLTH 10	Principles of Nutrition.....	3
CHEM 2A	Introductory Chemistry OR	5
CHEM 1A	General Chemistry.....	5
ANTHR2	Cultural Anthropology OR	3
SOCIL 1	Introduction to Sociology OR	3
SOCIL 2	Social Problems OR	3
SOCIL 5	Sociology of Race and Ethnicity.....	3
SPECH 1	Public Speaking OR	3
SPECH 3	Argumentation and Critical Thinking OR	3
SPECH 6	Small Group Communication OR	3
SPECH 7	Interpersonal Communication.....	3

PRE-ADN Students must complete the following:

NURS 26	Pharmacology.....	3
NURS 36	Pathophysiology.....	4

Pre BSN Students must complete the following:

STAT 1	Introduction to Statistical Methods.....	4
PSYCH 41	Lifespan Development OR	3
ECE 3	Child Growth and Development.....	3

OPTION 2: PRE-RESPIRATORY CARE

BIOL 6	Introductory Microbiology.....	4
CHEM 2A	Introductory Chemistry.....	5
SPECH 1	Public Speaking OR	3
SPECH 7	Interpersonal Communication.....	3
NURS 51	Medical Terminology OR	3
PSYCH 41	Lifespan Development OR	3
SOCIL 1	Introduction to Sociology.....	3

OPTION 3: PRE-RADIOLOGIC TECHNOLOGY

CHEM 2A	Introductory Chemistry OR	5
CHEM 1A	General Chemistry.....	5
NURS 51	Medical Terminology.....	3

OPTION 4: PRE-DENTAL HYGIENE

BIOL 6	Introductory Microbiology.....	4
CHEM 2A	Introductory Chemistry OR	5
CHEM 1A	General Chemistry.....	5
CHEM 2B	Introductory Chemistry II OR	4
CHEM 1B	General Chemistry.....	5
SPECH 1	Public Speaking OR	3
SPECH 6	Small Group Communication OR	3
SPECH 7	Interpersonal Communication.....	3
HLTH 10	Principles of Nutrition.....	3
SOCIL 1	Introduction to Sociology.....	3

OPTION 5: PRE-OCCUPATIONAL THERAPY ASSISTANT

NURS 51	Medical Terminology.....	3
HLTH 10	Principles of Nutrition.....	3
PSYCH 41	Lifespan Development.....	3
SOCIL 1	Introduction to Sociology OR	3
ANTHR 2	Cultural Anthropology.....	3

OPTION 6: PRE-PHYSICAL THERAPY

CHEM 2A	Introductory Chemistry OR	5
CHEM 1A	General Chemistry.....	5
CHEM 2B	Introductory Chemistry II OR	4
CHEM 1B	General Chemistry.....	5
PHYS 2A	General Physics.....	3
PHYS 3A	General Physics Laboratory.....	1
PHYS 2B	General Physics.....	3
PHYS 3B	General Physics Laboratory.....	1
STAT 1	Introduction to Statistical Methods.....	4

OPTION 7: PRE-OCCUPATIONAL THERAPY

STAT 1	Introduction to Statistical Methods.....	4
SOCIL 1	Introduction to Sociology OR	3
ANTHR 2	Cultural Anthropology.....	3
PSYCH 41	Lifespan Development.....	3
ART 4A	Drawing and Composition Beginning OR	3
ART 9A	Beginning Painting OR	3
ART 12A	Beginning Ceramics OR	3
ART 14A	Sculpture.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 19-36

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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

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 the molecular, cellular, and environmental processes that are common to most organisms. Topics include an introduction to biomolecules, cell

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structure, cell reproduction, enzymes, fermentation, respiration, photosynthesis, molecular genetics, heredity, and evolution.

Prerequisite(s): MATH-52, MATH 52B, or satisfactory score on mathematics placement exam.

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 animals and evolution. Course includes a survey of animal phyla and non-photosynthetic, single-celled, eukaryotic taxa. Specific animal topics include: patterns of diversity and classification, morphology and physiology, life cycles and development, the significance of sexual reproduction, and animal behavior. Evolution topics include speciation, phylogeny, macro- and microevolution, adaptation to environmental and social challenges, and natural selection. Other topics include genetic drift, gene flow, mutation, nonrandom mating, and basic population genetics. Designed for biology majors and related fields, but open to all qualified students. (L) Grades are P/NP option.

Prerequisite(s): BIOL-1; MATH-52 or satisfactory score on Mathematics placement exam.

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; MATH-52

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, and systems. The course is primarily intended for nursing, allied health, 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

An introduction to the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organismic levels. Includes physiological topics within the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular,

lymphatic, respiratory, digestive, urinary and reproductive systems

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 history, structure, metabolism, genetics, and ecology of microscopic life forms; 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. (L,M,C)

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. (L) 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

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. (L)

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. (L) Grades are P/ NP option

Co-requisite: BIOL-10

Limitations on Enrollment: Not open for credit to students with credit in BIOL-10L

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. (L,C) 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. (L)

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.

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. (L) Grades are P/NP Option.

BIOL-30 **3 UNITS****Emerging Infections and the History of Infectious Disease****TRANSFERABLE TO CSU AND UC**
54 LECTURE HOURS

Designed for non-science majors. This course examines current biological threats to societies including emerging and re-emerging diseases (such as AIDS and avian flu) and the release of infectious bio-agents either by terrorists or military organizations. We will also discuss these threats in a historical context by reviewing diseases that have had significant effects on human societies (such as smallpox and polio). The biology of infectious disease and treatment will be covered. (C)

BIOL-34 **1 UNIT****Active Anatomy****TRANSFERABLE TO CSU**
18 LECTURE HOURS

Active Anatomy is designed to engage students in the process of learning human anatomy. Students will work collaboratively to learn, review and discover the anatomy of the human body. Students will participate in activities and games to build anatomy knowledge and understanding.

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. (L,C)

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.

The Associate in Science in Business Administration 2.0 for Transfer requirements (as stated in SB1440 law) requires students to also complete the following:

- A minimum of 18 semester units in the major or area of emphasis as determined by the community college district.
- 60 semester CSU transferable units.
- California State University General Education-Breadth (CSU GE-Breadth) pattern of 39 units; OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern of 37 units.
- Obtainment of a minimum grade point average (GPA) of 2.0.
- Earn a grade of "C" or better, or "P" (pass) in all courses required for the major or area of emphasis.

Students who complete this program should be able to:

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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 1 Principles of Accounting - Financial	4
ACCT 1A Principles of Accounting - Financial Lab	0.5
ACCT 2L Principles of Accounting - Managerial	5
ECON 1A Elementary Economics - Macro	3
ECON 1B Elementary Economics - Micro	3
GNBUS 18A Business Law	3
STAT 1 Introduction to Statistical Methods.....	4

Complete one course from:

MATH 9 Calculus for Business, Social and Life Sciences.....	4
MATH 25 Finite Mathematics	3

Complete one course from:

GNBUS 10 Introduction to Global Business	3
GNBUS 21 Business Communications.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 28.5-29.5

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

ACCOUNTING ASSOCIATE IN SCIENCE

The Associate of Science Degree in Accounting prepares students for transfer to four year institutions for pre-professional studies in Accounting, Business, Entrepreneurship, Finance, General Business, Marketing, Management and Small Business Management programs. The Accounting program at Yuba College offers a range of courses that prepare students for transfer and further study in Accounting leading to BA, BS, MA, MS and/or Ph.D. degree. Accounting degrees could lead to a career as an Accountant, Accounting Manager, Accounting Officer, Accounting Supervisor, Business Analyst, Certified Public Accountant (CPA), Cost Accountant, General Accountant, Project Accountant or Staff Accountant. The Associate of Science Degree in Accounting 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 Payables Clerk, Accounts Receivable Clerk, Tax Preparer or Bookkeeper. Accordingly, GNBUS 56 (Business Math) and GNBUS 66 (Machine Calculation) classes prepare 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 1 Principles of Accounting-Financial	4
ACCT 1A Principles of Accounting - Financial Lab	0.5
ACCT 2L Principles of Accounting-Managerial	5
ACCT 3 Computerized Accounting	3
GNBUS 10 Introduction To Global Business.....	3
GNBUS 18A Business Law	3
GNBUS 30 Business Computer Applications.....	3
GNBUS 33 Spreadsheet Application.....	3
GNBUS 41 Computer Operating Systems	1
GNBUS 56 Business Mathematics.....	3
GNBUS 66 Machine Calculation	1.5

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 30

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

GENERAL BUSINESS MANAGEMENT

ASSOCIATE IN SCIENCE

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 skill.
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
BCA 15 Business Computer Applications - Beginning	3
GNBUS 10 Introduction to Global Business.....	3
GNBUS 18A Business Law	3
GNBUS 56 Business Mathematics.....	3
ECON 1A Elementary Economics-Macro	3
MGMT 5 Introduction to Supervision OR	3
MGMT 10 Principles of Management	3

Plus 3 units from the following:

ACCT 1L Principles of Accounting - Financial	4.5
ACCT 2L Principles of Accounting - Managerial.....	5
ACCT 6 Individual Income Tax	4
GNBUS 25 Career Planning	3
MGMT 35 Management Psychology	3
OA 52 Business English OR	3
GNBUS 52 Business English.....	3
SPECH 1 Public Speaking OR	3
SPECH 6 Group Communication.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 21

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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 9 Business Payroll Procedures	3
ACCT 10A General Accounting	4
GNBUS 6 Principles of Management	3
GNBUS 8 Human Resource Management	3
GNBUS 9 Organizational Management	3
GNBUS 10 Introduction to Global Business.....	3
GNBUS 21 Business Communications	3
GNBUS 30 Business Computer Applications	3
GNBUS 41 Computer Operating Systems	1
GNBUS 48 Business Ethics	3
GNBUS 53 Records Management.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 32

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

PERSONNEL MANAGEMENT

ASSOCIATE IN SCIENCE

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 skill.
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 10 Introduction to Global Business.....	3
GNBUS 18A Business Law	3
GNBUS 56 Business Mathematics	3
MGMT 5 Introduction to Supervision.....	3
MGMT 10 Principles of Management.....	3
MGMT 35 Management Psychology	3

Plus 3 units from the following:

BCA 15 Business Computer Applications - Beginning.....	3
OA 52 Business English OR	3
GNBUS 52 Business English.....	3
PSYCH 1A General Psychology.....	3
SPECH 10 Public Speaking	3
SPECH 6 Group Communication.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 21

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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 skills to produce business communications and documents.
2. Solve complex business situations through the application of business, mathematical, and technological skill.
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
ACCT 3 Computerized Accounting	3
BCA 15 Business Computer Applications - Beginning.....	3
GNBUS 10 Introduction to Global Business.....	3
GNBUS 18A Business Law	3
GNBUS 52 Business English OR	3
OA 52 Business English.....	3
GNBUS 56 Business Mathematics.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

ACCOUNTING

CERTIFICATE OF ACHIEVEMENT

The Accounting certificate provides occupational training for students seeking entry-level accounting positions. Successful completions 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 pr Bookkeeper. GNBUS 56 (Business Math) and GNBUS 66 (Machine Calculation) classes prepare 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 1 Principles of Accounting-Financial	4
ACCT 1A Principles of Accounting-Financial Lab	0.5
ACCT 3 Computerized Accounting	3
ACCT 6 Individual Income Taxes-Federal/State.....	4
ACCT 9 Business Payroll Procedures.....	3
ACCT 10A General Accounting	4
GNBUS 10 Introduction to Global Business.....	3
GNBUS 33 Spreadsheet Application.....	3
GNBUS 56 Business Mathematics.....	3
GNBUS 66 Machine Calculation	1.5
TOTAL UNITS REQUIRED FOR CERTIFICATE	29

ADMINISTRATIVE ASSISTANT

CERTIFICATE OF ACHIEVEMENT

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 skill.
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
OA 15B Intermediate Keyboarding.....	3
OA 17A Word Processing I.....	3
OA 17B Word Processing II.....	3
OA 22 Machine Calculation	1.5
OA 21 Business Communications	3
OA 52 Business English.....	3
OA 53 Filing.....	1
OA 60 General Office Procedures.....	3
OA 61 Advanced Office Procedures.....	3
TOTAL UNITS REQUIRED FOR CERTIFICATE	23.5

ADVANCED SMALL BUSINESS MANAGEMENT

CERTIFICATE OF ACHIEVEMENT

REQUIRED COURSES	UNITS
BCA 15 Business Computer Applications - Beg.....	3
GNBUS 18A Business Law.....	3
MGMT 5 Introduction to Supervision OR	3
MGMT 10 Principles of Management	3
MGMT 35 Management Psychology	3

Plus 15 units from the following:

ACCT 1L Principles of Accounting-Financial OR	4.5
ACCT 10A General Accounting	4
GNBUS 10 Intro. to Global Business.....	3
GNBUS 25 Career Planning	3
GNBUS 56 Business Mathematics.....	3
OA 52 Business English.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 27

SMALL BUSINESS MANAGEMENT

CERTIFICATE OF ACHIEVEMENT

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 skill.
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
BCA 15 Business Computer Applications - Beginning	3
GNBUS 10 Intro. to Global Business.....	3
GNBUS 18A Business Law	3
MGMT 5 Introduction to Supervision OR	3
MGMT 10 Principles of Management.....	3
MGMT 35 Management Psychology.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 15

COURSES

ACCOUNTING

ACCT-1 4 UNITS

Principles of Accounting-Financial

TRANSFERABLE TO CSU AND UC
C-ID: ACCT 110 (ACCT1 AND ACCT 1A)
72 LECTURE HOURS

This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system, including 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

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equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. (L,M,C)

Prerequisite(s): GNBUS-30 or GNBUS-33

Co-requisite: ACCT-1A

Entrance Requirement(s): Students are strongly recommended to take ACCT-10A prior to this pass.

ACCT-1A

0.5 UNITS

Principles of Accounting - Financial Lab

TRANSFERABLE TO CSU AND UC
C-ID: ACCT 110 (ACCT 1 AND ACCT 1A)
27 LAB HOURS

Laboratory to accompany Principles of Accounting - Financial (ACCT- 1). Students use the computer as a tool in solving accounting problems. Includes spreadsheets and computerized accounting system. Each student is required to have some type of storage device to save their files on. (L,M)

Co-requisite: ACCT-1

ACCT-2L

5 UNITS

Principles of Accounting-Managerial

TRANSFERABLE TO CSU AND UC
C-ID: ACCT 120
72 LECTURE HOURS
54 LAB HOURS

Emphasizes accounting principles and tools used by management in decision-making, planning, directing and controlling operations. 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 applications as a tool in preparing and analyzing managerial related accounting reports. (L,M,C)

Prerequisite(s): GNBUS-30 or GNBUS-33; ACCT-1; ACCT-1A

ACCT-3

3 UNITS

Computerized Accounting

TRANSFERABLE TO CSU
45 LECTURE HOURS
27 LAB HOURS

Computerized accounting using QuickBooks Pro. 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.

Prerequisite(s): ACCT-10A or ACCT-1 or ACCT-2L

ACCT-6

4 UNITS

Individual Income Taxes-Federal/State

TRANSFERABLE TO CSU
72 LECTURE HOURS

Individual income tax preparation, forms and computations; business and professional returns; federal and state returns. Individual Income Taxes - Federal/State (ACCT- 6) is a CTEC approved course, which fulfills the 60-hour "qualifying education" requirement for tax preparers. A listing of additional requirements to register as a tax preparer may be obtained by contacting CTEC at P.O. Box 2890, Sacramento, CA 95812-2890, toll-free by phone at (877) 850-2832, or on the Internet at www.ctec.org (L,M)

Prerequisite(s): ACCT-10A or prior knowledge of accounting terminology/concepts recommended.

ACCT-9

3 UNITS

Business Payroll Procedures

TRANSFERABLE TO CSU
48 LECTURE HOURS
18 LAB 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. (L,M)

ACCT-10A

4 UNITS

General Accounting

TRANSFERABLE TO CSU
72 LECTURE HOURS

Introductory accounting course covering accounting principles and practices, 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. (L,M)

GENERAL BUSINESS

GNBUS-2

3 UNITS

Concepts In Personal Finance

TRANSFERABLE TO BOTH CSU AND CSU
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. (L)

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. (L)

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. (L,M)

Limitations on Enrollment: Course not open for credit to students with credit in AG-14.

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. (L)

GNBUS-9 **3 UNITS**

Organizational Management

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. (L)

GNBUS-10 **3 UNITS**

Introduction To Global Business

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

Survey of the diverse activities of businesses operating in a changing global environment. Examines how culture and customs, global economic systems, technology, legal factors, global business strategies, trade barriers, finance, and human relations interact to affect U.S. business policies and practices. Covers factors that affect a business' ability to achieve its organizational goals and competitive advantage including entrepreneurship, organizational design and structure, leadership, human resource management and practices, communications, leadership and innovation, marketing and consumer behavior, e-business, legal issues, accounting, financial management and investing options. (L)

GNBUS-18A **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. (L)

GNBUS-21 **3 UNITS**

Business Communications

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 oral reports. This course is designed for students who already have college-level writing skills.

Prerequisite(s): ENGL-1A**Entrance Requirement(s):** Word processing and keyboard skill, no handwritten work is accepted.**Limitations on Enrollment:** Course not open for credit to students with credit in OA-21.**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. (L,M)

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, graphics, borders, shading, drawing, macros, sort, and merge features. (L) Grades are P/NP Option.

GNBUS-33 **3 UNITS**

Spreadsheet Application

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. (L,M,C)

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 Only.

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. (L,M,C) Grades are P/NP Only.

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

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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. (L,M) Grades are P/NP Only.

GNBUS-42 3 UNITS

Internet Literacy and Safety

TRANSFERABLE TO CSU
54 LECTURE 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 novice and enhance the ability of the intermediate user. (L)

GNBUS-48 3 UNITS

Business Ethics

TRANSFERABLE TO CSU
54 LECTURE HOURS

This course will provide an overview of the ethical standards pertaining to the purpose of corporations and the appropriate responsibility of their managers, accountants, and human resources. Students will learn to question critically, analyze using the IRAC method of analysis, challenge ethical and moral standards, and apply compromise to business and professional behavior. Grades are P/NP Option.

Prerequisite(s): ENGL-1A**GNBUS-49** 3 UNITS

Introduction to Health Care Systems

TRANSFERABLE TO CSU
54 LECTURE HOURS

This course will provide an overview of the United States healthcare system from historical, organizational, financial, and administrative perspectives. This course will analyze current health issues, such as cost, access, technology, current laws, ethics, and quality of care. 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. (L)

GNBUS-53 3 UNITS

Records 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. (L,C)

GNBUS-55A 3 UNITS

Beginning Keyboarding

36 LECTURE HOURS
54 LAB HOURS

Acquire beginning level keyboarding skills and document formatting. (L,C)

Limitations on Enrollment: Course not open for credit to students with credit in OA-15A-1, OA-15A-2, and OA-15A3.

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. (L,C) Grades are P/NP Option.

Prerequisite(s): OA-15A or ability to key at 30 net words a minute.

Limitations on Enrollment: Course not open for credit to students with credit in OA-15B-1, OA-15B-2, and OA-15B-3.

GNBUS-56 3 UNITS

Business Mathematics

54 LECTURE HOURS

Math for accounting, management, real estate and marketing. Topics include: payroll, inventory controls, trade and cash discounts, simple and compound interest, present value, annuities and sinking funds, discounting of notes, buying and selling of mutual funds and stocks, depreciation, financial statements and real estate loans. (L,M,C) 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. (L,M) Grades are P/NP Option.

Prerequisite(s): GNBUS-55A

Limitations on Enrollment: Course not open for credit to students with credit in OA-60.

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. (L,M) Grades are P/NP Option.

Prerequisite(s): GNBUS-55A; GNBUS-560**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. (L,M,C)

Entrance Requirement(s): GNBUS-32 and GNBUS-15A are recommended.

GNBUS-64

3 UNITS

Medical Word Processing

36 LECTURE HOURS
54 LAB HOURS

Medical document editing, utilizing partial speech recognition documentation/voice processing and transcription from physician dictation. Course work will encompass general medical/surgical fields and specialties such as OB-GYN, pediatrics, orthopedics, and cardiovascular medicine. (L,C)

Prerequisite(s): GNBUS-32; GNBUS-52

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. (L,M,C)

Prerequisite(s): GNBUS-55A

GNBUS-66

1.5 UNITS

Machine Calculation

18 LECTURE HOURS
27 LAB HOURS

Skill development in the operation of the electronic display and printing calculators. Functions include: addition, subtraction, multiplication, division, memory, percentages, and interest calculations to solve typical business problems. Speed and accuracy by touch method emphasized. (L,M) Grades are P/NP Option.

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.

Pursuant to SB 1440, students completing an AS-T degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the AS-T will be required to complete no more than 60 units after transfer to earn a Bachelor's Degree.

To earn the AS-T degree in Chemistry, students must meet the following requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the

following:

- A The Intersegmental GE Transfer Curriculum (IGETC) or the California State University GE-Breadth Requirements (CSU GE-Breadth).
- B A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

2. Obtainment of a minimum grade point average of 2.0.

Students must earn a "C" or better or "P (Pass) in all courses required for the major or area of emphasis.

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 IGETC for STEM (CSU version), all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0

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.

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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
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 18 units of General Education requirements, the multicultural graduation requirement, 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.

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): MATH-101 or MATH-101B

Limitations on Enrollment: Course not open for credit for students with credit in CHEM-1A.

CHEM-2B 4 UNITS

Introductory Chemistry II

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: CHEM 102
54 LECTURE HOURS
54 LAB HOURS

Introduction to fundamental concepts of organic and biochemistry. Topics of instruction include (1)structure, nomenclature, and reactions of some organic compounds and drugs, (2)stereochemistry, (3) structure and metabolism of carbohydrates, lipids, proteins, enzyme activity and inhibition, nucleic acids and DNA, and (4)bioenergetics. Completion of this course along with CHEM 2A is designed to satisfy the requirements of those allied-health career programs which require two semesters of chemistry. (L,M)

Prerequisite(s): CHEM-1A or CHEM-2A

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.

Pursuant to SB 1440, students completing an AS-T degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the AS-T in Computer Science will be required to complete no more than 60 units after transfer to earn a Bachelor's Degree.

To earn the AS-T degree in Computer Science, students must meet the following requirements:

Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

- The Intersegmental GE Transfer Curriculum (IGETC) or the California State University GE-Breadth Requirements (CSU GE-Breadth).
 - A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
 - Obtainment of a minimum CSU transferable grade point average of 2.0.
- Students must earn a "C" grade or better or "P" (Pass) in all courses required for the major or area of emphasis.
- Students should consult a counselor for more information on university admission.

Students who complete this program should be able to:

- Demonstrate theoretical skills necessary to adapt to technology development and changes in the field of Computer Science.
- Demonstrate the ability to design and implement efficient and well organized computer applications.
- 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 - Early Transcendentals.....	4
MATH 1B	Single Variable Calculus - 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 IGETC (CSU version), 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 program in computer science is designed for students transferring to a four-year educational institute. The study of Computer science provides the theoretical foundations of computation application design and information processing combined with skills needed for system design implementation. Courses Course work covers programming fundamentals, data structures, discrete mathematics and computer architecture.

Computer Science is a broad field of study with an almost unlimited variety of technical career opportunities in the areas of research, design, technical system, and network applications. The Associate of Science degree in Computer Science prepares students for transfer to a four year institution as well as vocational training skills necessary for

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productivity in multiple computer disciplines.

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 and	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 5 Introduction to UNIX Operating System	3
COMSC 6 BASIC Programming	3
COMSC 7 Intro. to Visual Basic Programming	3
COMSC 8 Digital Logic Fundamentals	4
COMSC 9B Data Structures	4
COMSC 10L Computer Literacy	3
COMSC 11 Advanced C++ Programming	3
COMSC 12 JAVA Programming	3
COMSC 15 Discrete Structures for Computer Science	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 19-20

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

COMPUTER SCIENCE CERTIFICATE OF ACHIEVEMENT

The Certificate of Achievement in computer science provides students with fundamental skills in software engineering, information processing, and application design necessary to 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

Complete a minimum of 15 units from the following:

COMSC 2 Computer Assembly Language	3
COMSC 5 Introduction to UNIX Operating System	3
COMSC 6 Basic Language Programming	3
COMSC 7 Intro. to Visual Basic Programming	3
COMSC 9B Data Structures	4
COMSC 10L Computer Literacy	3
COMSC 11 Advanced C++ Programming	3
COMSC 12 JAVA Programming	3
COMSC 15 Discrete Structures for Computer Science	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 19

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

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 3 UNITS

Python Programming

TRANSFERABLE TO CSU

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, 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

COURSES

CWEE-44A V0.5-6 UNITS

1st Semester General Work Experience

TRANSFERABLE TO CSU
30-450 LAB HOURS

Coordination of introductory on-the-job learning with college experience to develop desirable work habits, attitudes, and career awareness through supervised paid employment or volunteer experience that is not directly related to the student's specific career path and college major. Grades are P/NP Only. **Advisory:** Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester. Grades are P/NP Only.

Limitations on Enrollment: Students may not exceed sixteen (16) units in the combination of CWEE and INTERN classes.**Advisory:** Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester.**Entrance Requirement(s):** Must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) that is not directly related to the students major or career path.

CWEE-44B V0.5-6 UNITS

2nd Semester General Work Experience

TRANSFERABLE TO CSU
30-450 LAB HOURS

Coordination of intermediate on-the-job learning with college experience to develop desirable work habits, attitudes, and career awareness that is progressive from the first semester. This learning experience requires supervised paid employment or volunteer experience that is not directly related to the student's specific career path and college major. Students may enroll in 1-6 units. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes. Grades are P/NP Only.

Prerequisite(s): CWEE-44A**Advisory:** Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester.

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Limitations on Enrollment: Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes.

Advisory: Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester.

Entrance Requirement(s): Must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) that is not directly related to the students major or career path.

CWEE-44C

VO.5-6 UNITS

3rd Semester General Work Experience

TRANSFERABLE TO CSU
30-450 LAB HOURS

Coordination of intermediate on-the-job learning with college experience to develop desirable work habits, attitudes, and career awareness that is progressive from the first and second semesters. This learning experience requires supervised paid employment or volunteer experience that is not directly related to the student's specific career path and college major. Students may enroll in 1-6 units. Grades are P/NP Only.

Prerequisite(s): CWEE-44B

Advisory: Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester.

Limitations on Enrollment: Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes.

Entrance Skills: Must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) that is not directly related to the students major or career path.

CWEE-44D

VO.5-6 UNITS

4th Semester General Work Experience

TRANSFERABLE TO CSU
30-340 LAB HOURS

Coordination of advanced on-the-job learning with college experience to develop desirable work habits, attitudes, and career awareness that is progressive beyond the first through third semester. This learning experience requires supervised paid employment or volunteer experience that is not directly related to the student's specific career path and college major. Students may enroll in 1-6 units. Grades are P/NP Only.

Prerequisite(s): CWEE-44C

Advisory: Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester.

Limitations on Enrollment: Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes.

Entrance Requirement(s): Must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) that is not directly related to the students major or career path.

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-22

1 UNIT

Peer Advising Seminar

TRANSFERABLE TO CSU
18 LECTURE HOURS (1 UNIT)
36 LECTURE HOURS (2 UNITS)

Designed for Peer Advisors. Methods of working with students from a wide variety of backgrounds, with the emphasis on individualized assistance to help in all areas of counseling; orientation to materials and resources; development of interpersonal skills. Grades are P/NP Only.

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-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. This 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,

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gender, ethnicity, historical cohort and socioeconomic status. A broad understanding of how scientists, clinicians and practitioners study and apply psychology is emphasized.

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.

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.

Culinary Arts

CULINARY ARTS

ASSOCIATE IN SCIENCE

This associate degree is intended to provide students with the skills and abilities necessary to obtain employment in the growing restaurant and hospitality industry. Students that earn the degree have the ability to secure employment from restaurants, hotels, casinos, bakeries and other food service establishments. The students will learn: food safety and handling, recipe conversions, knife skills, cooking methods and techniques, menu creation and costing, basic baking methods, general restaurant management procedures and the soft skills necessary to be successful in the industry.

Students who complete this program should be able to:

1. Understand and demonstrate the ability to clean, organize and sanitize according to industry standards in food handling, and restaurant service.
2. Understand and utilize the appropriate cooking methods and techniques according to industry standards.
3. Demonstrate professionalism in appearance, teamwork and promptness.
4. Understand and be able to create an employee handbook according to industry standards.
5. Understand and be able to calculate beverage pour cost to industry standards.

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.

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)

REQUIRED COURSES

	UNITS
CUL 51A Basic Food Preparation	3
CUL 51B Advanced Food Preparation	3
CUL 52A Professional Baking	3
CUL 52B Advanced Baking	3
CUL 54 Food Sanitation, Safety, and Storage.....	0.5
CUL 59A Basic Restaurant Operations.....	4
CUL 59B Advanced Restaurant Operations	4
CUL 60 Advanced Foods and Catering	2
CUL 61 Introductory Purchasing for Food Service and Hospitality	1
CUL 64 Beverage Control and Operations.....	2

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CUL 65	Food Service Operation and Management.....	2
HLTH 10	Principles of Nutrition.....	3
TOTAL UNITS REQUIRED FOR DEGREE MAJOR		30.5

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

CULINARY ARTS

CERTIFICATE OF ACHIEVEMENT

This certificate is intended to provide students with the skills and abilities necessary to obtain employment in the growing restaurant and hospitality industry. Students that earn the certificate have the ability to secure employment from restaurants, hotels, casinos, bakeries and other food service establishments. The students will learn: food safety and handling, recipe conversions, knife skills, cooking methods and techniques, menu creation and costing, basic baking methods, general restaurant management procedures and the soft skills necessary to be successful in the industry.

Students who complete this program should be able to:

1. Understand and demonstrate the ability to clean, organize and sanitize according to industry standards in food handling, and restaurant service.
2. Understand and utilize the appropriate cooking methods and techniques according to industry standards.
3. Demonstrate professionalism in appearance, teamwork and promptness.

REQUIRED COURSES		UNITS
CUL 51A	Basic Food Preparation	3
CUL 51B	Advanced Food Preparation.....	3
CUL 52A	Professional Baking.....	3
CUL 54	Food Sanitation, Safety, and Storage.....	0.5
CUL 59A	Basic Restaurant Operations.....	4
CUL 59B	Advanced Restaurant Operations	4
CUL 60	Advanced Foods and Catering	2
CUL 65	Food Service Operation and Management.....	2

TOTAL UNITS REQUIRED FOR CERTIFICATE		21.5
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COURSES

CUL-51A	3 UNITS
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Basic Food Preparation

18 LECTURE HOURS
108 LAB HOURS

Basic Food Preparation: Modern cooking techniques (including sauce making, meat cutting, lunch and dinner entrée preparation), knife skills, operation of food service equipment and tools, history of culinary arts development, safety and sanitation, and recipe development.

Other: Course is Open Entry/Open Exit

CUL-51B	3 UNITS
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Advanced Food Preparation

18 LECTURE HOURS
108 LAB HOURS

Advanced modern restaurant cooking methods, such as Garde Manger, French stock and sauce making, advanced principles of meat cookery, advanced meat and seafood fabrication and identification, mise en place practices, and advanced vegetable and starch identification and cookery. Advanced knife skills developed. Culinary

tools such as wok station, induction cooking and steam cooking are also used. (L,M)

Prerequisite(s): CUL-51A

CUL-52A	3 UNITS
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Professional Baking

18 LECTURE HOURS
108 LAB HOURS

Modern baking techniques including, cake baking and decorating, French pastry, bread and dessert development techniques. Preparation takes place in an approved industry standard kitchen.

Other: Course is Open Entry/Open Exit

CUL-52B	3 UNITS
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Advanced Baking

18 LECTURE HOURS
108 LAB HOURS

Modern advanced baking techniques and methods including sugar and chocolate work, advanced decorating, advanced icing, French pastry and dessert making, artisan bread making and savory baked items. Also recipe costing and creating will be a theme throughout the course.

Prerequisite(s): CUL-52A

CUL-54	0.5 UNITS
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Food Sanitation, Safety, and Storage

9 LECTURE HOURS

Preparation for the ServSafe Certification course and examination. The ServSafe program trains both managers and employees to guard against food borne illnesses. Meets the State of California (Cambell Bill) requirement for Certified Food Handler. (L) Grades are P/NP Option.

Other: Course is Open Entry/Open Exit

CUL-59A	4 UNITS
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Basic Restaurant Operations

18 LECTURE HOURS
162 LAB HOURS

Set-up and operations of the campus restaurant, including planning, preparing, cooking, and serving food in the student-operated restaurant.

CUL-59B	4 UNITS
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Advanced Restaurant Operations

18 LECTURE HOURS
162 LAB HOURS

Set-up and management of the campus restaurant including scheduling, marketing, inventory, menu planning, and costing.

Prerequisite(s): CUL-59A or CUL-60

CUL-60	2 UNITS
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Advanced Foods and Catering

18 LECTURE HOURS
54 LAB HOURS

Plan, prepare, and serve several large and small catered events during the semester. (M)

Other: Course is Open Entry/Open Exit

CUL-61 1 UNIT

Introductory Purchasing for Food Service and Hospitality

18 LECTURE HOURS

Supervisory control procedures, receiving, costing, inventory and storeroom, employee access and maintenance of records for food service and hospitality professionals.

Other: Course is Open Entry/Open Exit

CUL-64 2 UNITS

Beverage Control and Operation

36 LECTURE HOURS

Regulations, licensing procedures, purchasing, inventory and cost control for bar and restaurant management. Emphasis on bar setup, service methods, and beverage merchandising. (L,M)

Other: Course is Open Entry/Open Exit

CUL-65 2 UNITS

Food Service Operation and Management

36 LECTURE HOURS

Nature and importance of food service management, including general management principles, personnel principles and customer relations. This includes business plan development and presentation.

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. (C)

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.

To earn this AS-T degree, students must meet the following Associate Degree for Transfer requirements (pursuant to SB1440 law):

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- 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. Note that all courses required for the major are CSU transferable and can count towards the 60 units and the GE-Breadth or IGETC 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
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 CSU GE-B or IGETC (CSU version), 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

ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Arts in Elementary Teacher Education 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 with the California State University System.

To earn the AA-T degree students must meet the following Associate Degree for Transfer requirements (pursuant to SB 1440 law):

- Completion of 60 semester or 90 quarter units that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC-CSU version) or the California State University General Education-Breadth Requirements.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Obtainment of a minimum transferable grade point average of 2.0.
- Earn a grade of "C" or better, or "P" (pass) in all courses required for the major or area of emphasis.

Students who complete this program should be able to:

1. Evaluate arguments for validity and soundness.
2. Demonstrate integrated knowledge of development and major theoretical frameworks.
3. Analyze major historical issues and judge their significance to the development of American History up through Reconstruction.

REQUIRED COURSES		UNITS
BIOL 10L	General Biology.....	4
ECE 3	Child Growth and Development.....	3
EDUC 1	Introduction to Teaching With Field Experience.....	3
GEOG 5	World Regional Geography.....	3
ENGL 1A	College Composition and Reading OR	4
ENGL 1E	College Composition and Reading Extended.....	5
ENGL 1B	Critical Thinking and Writing About Literature.....	4
ENGL 1C	Critical Thinking/Advanced Composition.....	3
GEOL 8	Earth Science.....	3
GEOL 8L	Earth Science Lab.....	1
HIST 5A	World Civilizations.....	3
HIST 17A	United States History.....	3
MATH 15	Concepts and Structures of Mathematics.....	3
PHYS 10B	Physical Science - Physics & Chemistry.....	3
PHYS 10C	Physical Science - Physics and Chemistry Lab.....	1
SPECH 1	Public Speaking.....	3

Select one course from:

ART 5	Art Appreciation.....	3
MUSIC 3	Music Appreciation.....	3
THART 10	Introduction to Theatre.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 47-48

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), 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. 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
ECE 11	Observation and Assessment.....	3
ECE 27	Teaching in a Diverse Society.....	3
ECE 31	Child, Family, Community.....	3
ECE 1C	Positive Social Development in Young Child.....	3
ECE 17	The Exceptional Child.....	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 30

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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.

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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

Note on Permit through Credentialing: After completing required course work of 40 total units (24 ECE and 16 GE) and 175 days of 3 or more hours per day of experience, you may apply for the California Child Development (Teacher) 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.

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, Infant and Toddler, and Language and Literacy.

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 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 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
2. Discuss the diverse needs, characteristics and multiple influences on the development of children, birth through age eight, as related to high quality care and education.
3. Demonstrate an understanding of family function and structure, along with familial need for information and support that respects and values diverse cultures, values, beliefs and behaviors

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 46	Practicum-Field Experience-Preschool	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 33

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
ECE46A	Practicum-Field Exp-Infant/Toddler OR	3

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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.

1. Students who complete this program should be able to:
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 2A	Administration I: Programs in Early Childhood Education 3
ECE2B	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 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 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 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 32	Parenting..... 3
ECE 35	Parents as Partners in ECE..... 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..... 3

TOTAL UNITS REQUIRED FOR CERTIFICATE **32**

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 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

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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 examines administrative skills, knowledge and techniques needed for effective supervision to organize, manage and operate a child development center. This includes staff development and staff relations. There will be an emphasis on the role of program director, site supervisor or owner while studying management theory, budget, personnel policies, procedures, regulatory laws, working with families and professional ethics and growth.

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

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.

Corequisite: 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.

To earn this AS-T degree, students must meet the following Associate in Science Degree for Transfer requirements (pursuant to SB 1440 law):

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University. The Intersegmental General Education Transfer Curriculum (IGETC) for STEM or the California State University General Education-Breadth for STEM.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Obtainment of a minimum grade point average of 2.0.
- Earn a "C" or better in all courses required for the major or area of emphasis or a "P" if the course is taken on a pass/no pass basis.

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 1B	Economics-Macro.....	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

(CONT'D FROM PREVIOUS PAGE)

Complete one course from:

PSYCH 6	Introduction to Statistics in Social and Behavioral Science OR	4
STAT 1	Introduction To Statistical Methods	4

Complete eight units from one of the following groups;

PHYS 2A	General Physics I.....	3
PHYS3A	General Physics I with Laboratory.....	1
PHYS 2B	General Physics II.....	3
PHYS 3B	General Physics II with Laboratory	1

OR

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 IGETC (CSU version) for STEM, 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. (M,C)

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. (L,M,C) Grades are P/NP Option.

Co-requisite: ECOL-10

ECOL-12 3 UNITS

Marine Ecology

TRANSFERABLE TO CSU AND UC

54 LECTURE HOURS

An introduction to the physical marine environment, marine life, and the interactions between the two. Course also includes a study of human impact upon the the marine environment. (L,M,C) 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.

This program has the following completion requirements:

- 60 semester units that are eligible for transfer to the CSU, including either:
 - The CSU General Education Breadth Requirements pattern, or
 - The Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- A minimum of 18 semester units in a major or area of emphasis, as described below, earning a grade of "C" or better, or "P" (pass) in these courses; and
- A minimum grade point average of 2.0 in the 60 transferable semester units.

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 1A	Elementary Economics-Macro	3
ECON 1B	Elementary Economics-Micro	3
STAT 1	Introduction To Statistical Methods 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 1	Principles of Accounting-Financial AND	4
ACCT 1A	Principles of Accounting-Financial Lab	0.5
ACCT 2L	Principles of Accounting-Managerial	5
MATH 1B	Single Variable Calculus II-Early Transcendentals	4
MATH 25	Finite Mathematics.....	3
COMSC 9A	C++ Programming OR	4
COMSC 12	Java Programming	3

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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
PSYCH 1A General 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 CSU GE-B or IGETC (CSU), 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-1A 3 UNITS

Elementary Economics-Macro

**TRANSFERABLE TO CSU AND UC
C-ID: ECON 202
54 LECTURE HOURS**

An introduction to macroeconomic concepts and principles of economic analysis. Topics include: foundations of economic life, national income and employment, financial systems, business cycles, money and banking, monetary and fiscal policy, economic growth and stability, public finance, international trade and the position of the U.S. within the context of the global economy, World Trade Organization policies, International Monetary Fund, World Bank structure, and global agricultural subsidies.

Prerequisite(s): MATH-101

ECON-1B 3 UNITS

Elementary Economics-Micro

**TRANSFERABLE TO CSU AND UC
C-ID: ECON 201
54 LECTURE HOURS**

An introduction to Microeconomic concepts, principles, scarcity problems and policies. Theories include: equilibrium price, supply and demand, elasticity, marginal utility, cost and revenue concepts, market structure, labor economics, comparative economic systems and pricing the factors of production. Students learn to use economic principles to analyze the economic challenges facing the individual and business organization. (L)

Prerequisite(s): MATH-101 or MATH-101B or qualifying score on the mathematics placement test.

ECON-8 3 UNITS

Introduction to Public Policy

**TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS**

This course will provide students with an introductory course in Public Policy, and could serve as a foundation course for a future certificate program in Public Management. Public Management is identified as a high growth sector for jobs in the adjacent region to the south centered in Sacramento County, California. At Folsom Lake College in the Los Rios Community College District (Sacramento County), this course is identified with the following degrees and certificates: Business Analyst (Certificate); Business Analyst/Data Analytics (A.A. Degree); Law, Public Policy, and Society (A.A. for Transfer (AA-T) Degree); Public Management/Civil Service (A.A. Degree); and Public Management/Civil Service (Certificate). Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in POLSC-8

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. (L)

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

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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.

Engineering

COURSES

ENGR-6 **3 UNITS**

Computational Problem Solving for Engineers

TRANSFERABLE TO CSU AND UC
36 LECTURE HOURS
54 LAB HOURS

This course focuses on numerical methods with computer application programs such as MATLAB and EXCEL to solve problems in engineering and science. Programming in MATLAB is a key skill developed in this course. Problems and applications from applied math, electrical circuits, biology, and other engineering and science fields are used. Grades are P/NP Option.

Prerequisite(s): MATH-1A

ENGR-10 **3 UNITS**

Introduction to Engineering & Science

TRANSFERABLE TO CSU AND UC
36 LECTURE HOURS
54 LAB HOURS

Exploration of the Science, Technology, Engineering and Mathematics (STEM) fields, particularly engineering, for both the decided engineering/

STEM majors and others who may be curious about engineering. This course will provide the student with added college success skills improving success in a technical field such as engineering. The course surveys the contemporary role of STEM professions in society, the engineering approach to problem solving, the design process, and ethics/responsibilities of engineers and scientists. The course offers a variety of hands-on activities and interactive laboratories. 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.

ENGR-17 **3 UNITS**

Circuits for Engineers

TRANSFERABLE TO CSU AND UC
C-ID: ENGR 260 PENDING
54 LECTURE HOURS

This course covers introductory laws and theorems of electrical circuits; DC circuit analysis; natural and forced response analysis of first and second-order systems; and solutions using differential equations. Steady-state AC analysis covers the use of phasors, AC power calculations, power transfer, and energy concepts. Introduction is given to circuit devices and systems including resistors, capacitors, inductors, dependent sources, operational amplifiers, switches, transfer functions and frequency-selective circuits.

Prerequisite(s): PHYS-4B

Co-requisite: MATH 2

ENGR-17L **1 UNIT**

Circuits Laboratory for Engineers

TRANSFERABLE TO CSU AND UC
54 LAB HOURS

Electronic and electrical experiments to reinforce the principles taught in Engineering 17. Grades are P/NP Option.

Prerequisite(s): ENGR-17

ENGR 35 **3 UNITS**

Statics for Engineers

TRANSFERABLE TO CSU
C-ID: ENGR 130 PENDING
54 LECTURE HOURS

This is a first course in mechanics as used in engineering - with emphasis on force systems and equilibrium conditions in two and three dimensions including moments, couples and resultants. Engineering problems concerning structures, machines, centers of gravity, moments of inertia, distributed forces, internal forces, friction and methods of virtual work are covered. Trigonometric and vector methods are used in this course. Understanding and application of the concepts to engineering problems is a key component of this course. Optional topics include cable systems and Mohr's circle.

Co-requisite: MATH 1C

Prerequisite(s): PHYS 4A; MATH 1A; MATH 1B

ENGR-45 **4 UNITS**

Properties of Materials

TRANSFERABLE TO CSU AND UC
C-ID: ENGR 140B PENDING
54 LECTURE HOURS
54 LAB HOURS

An introductory course in properties of materials used in engineering; emphasis on the theory underlying the behavior of engineering materials. Includes a face-to-face laboratory component covering the testing of metals, polymers, composites, wood, and other materials.

Prerequisite(s): CHEM-1A; PHYS-4A

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.

- In addition to the major requirements, students seeking an Associate in Arts in English for Transfer degree (AA-T in English), must also complete or attain the following to comply with state law (SB 1440):
- 60 semester CSU-transferable units.
 - The California State University-General Education Breadth Pattern (CSU GE-Breadth) or the Intersegmental General Education Transfer Curriculum (IGETC) pattern (CSU version).
 - A minimum of 18 semester units in the major area of emphasis.
 - 2.0 GPA.
 - A grade of "C" or better in all courses required for the major or area of emphasis.

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 1B Critical Thinking and Writing About 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 Intro to British Literature I.....	3
ENGL 46B Intro 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: Intro 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 1C Critical Thinking/Advanced Composition.....	3
ENGL 34 Introduction To Film.....	3
ENGL 38 Classic and Contemporary Youth Literature.....	3

ENGL 39 LGBT+ Literature and Film.....	3
HUMAN 34 Introduction To Film.....	3
MCOMM 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 CSU GE-B or IGETC (CSU version), 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 1B Critical Thinking and Writing About Literature.....	4
ENGL 30A Introduction to American Literature I OR	
ENGL 30B Introduction to American Literature II.....	3
ENGL 46A Intro to English Literature I OR	
ENGL 46B Intro to English 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: Intro 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 18 units of General Education requirements, the multicultural graduation requirement, 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.

COURSES

ENGL1A 4 UNITS

College Composition and Reading

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: ENGL 100
72 LECTURE HOURS

An introductory course offering instruction in expository and argumentative writing, appropriate and effective use of language, close reading, cogent thinking, research strategies, information literacy, and documentation. Focus on the recursivity of writing processes and integrating reading, writing, and speaking skills. Students will write a minimum of 6000 words.

Prerequisite(s): ENGL-51 or ENGL-56 or by placement.

ENGL-1B 4 UNITS

Critical Thinking and Writing About Literature

TRANSFERABLE TO CSU AND UC
C-ID: ENGL 110, ENG 120
72 LECTURE HOURS

Critical thinking and writing about literature; develops critical thinking, reading, and writing skills applicable to the analysis of prose, poetry, drama, and criticism from diverse cultural sources and perspectives; emphasis on the techniques and principles of effective written argument; some research required. (L)

Prerequisite(s): ENGL-1A or ENGL-1E

ENGL-1C 3 UNITS

Critical Thinking/Advanced Composition

TRANSFERABLE TO CSU AND UC
C-ID: ENGL 105
54 LECTURE HOURS

Principles of critical thinking, reading, and writing beyond freshman composition; focuses on the principles of, and the development of, logical and analytical reasoning, argumentative writing, and on the principles of rhetoric (invention, arrangement, style, memory, delivery, modes of discourse, audience).

Prerequisite(s): ENGL-1A or ENGL-1E

ENGL-1E 5 UNITS

College Composition and Reading Extended Instruction

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
C-ID: ENGL 100
90 LECTURE HOURS

An introductory course offering instruction in expository and argumentative writing, appropriate and effective use of language, close reading, cogent thinking, research strategies, information literacy, and documentation. Focus on the recursivity of writing processes and integrating reading, writing, and speaking skills. Emphasis on developing academic mindsets and student skills. Students will write a minimum of 6000 words.

Prerequisite(s): ENGL-51 or ENGL-56 or by placement.

ENGL-10 1 UNIT

Extended Instruction for College Composition and Reading

TRANSFERABLE TO CSU
18 LECTURE HOURS

This course incorporates and contextualizes reading, writing, and research strategies aligned with English 1A coursework. Coursework and class activities will be aligned to student need. Grades are P/NP Only.

Co-requisite: ENGL-1A or by placement.

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.

Entrance Requirement(s): 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.

Entrance Requirement(s): 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. (L,C)

ENGL-31B 3 UNITS

Creative Writing II: Writing and Editing for Publication

TRANSFERABLE TO CSU
54 LECTURE HOURS

This course focuses on literary editing and preparing poetry, drama, fiction, and creative non-fiction for publication. This includes both original work by students and the evaluation of submissions for inclusion in a literary journal/publication. The course is conducted primarily as a workshop. Students will give and apply in-depth criticism of original student pieces and work as an editorial board, evaluating creative work submitted for publication. (L)

Prerequisite(s): ENGL-31A

Entrance Requirement(s): Successful completion of ENGL 1A is strongly recommended. Complete or be enrolled in ENGL 1B is encouraged.

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)

(CONT'D FROM PREVIOUS PAGE)

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 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-1A or ENGL-1E

ENGL-40B **1 UNIT**

Tutoring Reading and Writing II

TRANSFERABLE TO CSU
18 LECTURE HOURS

An advanced training program in English composition to prepare students to tutor writing skills in a coherent and supportive manner.

Prerequisite(s): ENGL-40A

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-40B

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. (L)

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.

Entrance Requirement(s): 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.

Entrance Requirement(s): Successful completion of ENGL-1A or ENGL-1E strongly recommended.

ENGL-56 **5 UNITS**

Accelerated Preparation for College Composition and Reading

90 LECTURE HOURS

Accelerated preparation for College Composition and Reading (English 1A). Intensive instruction in the academic mindsets, reading, reasoning, and writing expected in transfer and associate-degree courses. Students engage in extensive academic reading of college-level texts and write a minimum of 10,000 words. Successful completion allows students to enroll in English 1A.

Entrance Requirement(s): ENGL-105 or by placement.

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.

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

FOUNDATIONS OF LITERACY

CERTIFICATE OF COMPETENCY

The Certificate of Competency in Foundations of Literacy prepares students with little or no knowledge of English with basic English language and literacy skills needed to function at a beginning level in everyday situations at work, school and in the community.

Students who complete this program should be able to:

1. Write simple paragraphs containing simple sentences in simple present and present continuous sentences.
2. Demonstrate ability to function in basic English listening and speaking situations at work, school, and in the community:

REQUIRED COURSES		UNITS
ESL 524	English Conversation, Level 2.....	0
ESL 525	Integrated ESL Skills, Level 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		UNITS
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
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COURSES

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-116B 4 UNITS

Academic Reading and Writing for ESL 2

72 LECTURE HOURS

This course emphasizes the development of reading and writing skills including varied sentence types, use of phrases and clauses, grammar and mechanics, paragraphs, summary-response, short essays, the writing process, and small group and whole class work to strengthen basic reading skills, make inferences and read critically.

Prerequisite(s): ESL-116A or ESL-516A or by placement.

ESL-253 3 UNITS

Intermediate Grammar

54 LECTURE HOURS

Intermediate grammar for ESL students. This course introduces students to writing paragraphs and/or compositions containing compound and complex sentences in present, past, and future tenses.

Prerequisite(s): ESL-243 or ESL-543 or by placement.

Advisory: Concurrent enrollment in ESL-255/555 or 258/558 is highly recommended.

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-258 4 UNITS

Intermediate Writing

72 LECTURE HOURS

Writing for intermediate ESL. Develops ability to write more detailed paragraphs using simple and compound sentences in varied verb tenses with proper grammar and mechanics.

Prerequisite(s): ESL-245 or by placement.

Advisory: Concurrent enrollment in ESL-253/553 or 255/555 is highly recommended.

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-512

0 UNITS

Low-Beginning Listening and Pronunciation

54 LECTURE HOURS

Listening and pronunciation for beginners. Emphasis on increased listening and comprehension and oral fluency of simple spoken English in common daily personal communication. Novice vocabulary and structures.

Prerequisite(s): By placement.**Advisory:** Concurrent enrollment in ESL- 514 and 515 is highly recommended.

ESL-514

0 UNITS

English Conversation, Level 1

28-36 LECTURE HOURS

The first course in conversation for low-beginning ESL students. Develops basic listening and speaking skills using everyday conversation in small groups and one-on-one. Emphasis on listening comprehension, pronunciation, intonation, and role-playing simulations. Students will develop basic English vocabulary and grammar necessary for successful communication. Topics include personal and family information, daily activities, and other subjects of general interest. Grades are P/NP Only.

Advisory: Concurrent enrollment in ESL-512, 515, and 562L 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.

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.

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-516B

0 UNITS

Academic Reading and Writing for ESL 2

64-72 LECTURE HOURS

This course emphasizes the development of reading and writing skills including varied sentence types, use of phrases and clauses, grammar and mechanics, paragraphs, summary-response, short essays, the writing process, and small group and whole class work to strengthen basic reading skills, make inferences and read critically.

Prerequisite(s): ESL116A/516A or by placement.

ESL-522

0 UNITS

Beginning Listening and Pronunciation

48-54 LECTURE HOURS

This course covers listening and pronunciation for beginners. Emphasis will be placed on increasing listening comprehension and oral fluency of simple spoken English in common daily personal and academic communication. Grades are P/NP Only.

Advisory: Concurrent enrollment in ESL-524, 525, and 526L is highly recommended.

ESL-524

0 UNITS

English Conversation, Level 2

28-36 LECTURE HOURS

The second course in conversation for low-beginning ESL students. Builds on basic listening and speaking skills using everyday conversation in small groups and one-on-one. Emphasis on listening comprehension, pronunciation, intonation, and role-playing simulations. Students will further develop English vocabulary and grammar necessary for successful communication. Topics include comparison of students' and American cultures, geographic directions, clarification techniques, and other subjects of interest. Grades are P/NP Only.

Advisory: Concurrent enrollment in ESL-225/525, 222/522, 223/523, and 226L/526L is highly 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.

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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-539ECE **0 UNITS****English Skills for Parents and Child Care Providers****90 LECTURE HOURS**

This high-beginning course develops oral and written communication skills in standard English within the context of childcare, child rearing, and parenting. Students develop and practice the listening, speaking, reading, and writing skills useful for communicating with and about children at different stages of development on topics including day-to-day care, health, and safety. This course is intended for non-native speakers of English who are parents, grandparents, childcare providers, preschool teachers, and students of Child Development. This course is recommended for non-native speakers at high-beginning level. Grades are P/NP Only.

Advisory: It is recommended that students enroll in or have successfully completed ESL-235/535.

ESL-539MAT **0 UNITS****The Language of Arithmetic for ESL Students****54 LECTURE HOURS**

This course is intended to develop the abilities of speakers of other languages and cultures to (1) read and comprehend, (2) write, in words, numbers, and notations, and (3) verbally express the language of arithmetic necessary for appropriate computations using whole numbers within standards of the American educational system, including, but not necessarily limited to addition, subtraction, multiplication, and division. Grades are P/NP Only.

Prerequisite(s): ESL-223 or ESL-523; ESL- 225 or ESL-525 or by placement.

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-546LR **0 UNITS****English as a Second Language, Lab 2****36-54 LAB HOURS**

Supplements English as a Second Language Levels 4 through 6 courses by providing additional academic support, practice, exercises and other academic activities in grammar, reading, writing, vocabulary, listening comprehension, pronunciation, and conversation. Students receive individualized and group instruction under supervision. Grades are P/NP Only.

Other: Course is Open Entry/Open Exit

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-553 **0 UNITS****Intermediate Grammar****48-54 LECTURE HOURS**

Intermediate grammar for ESL students. This course introduces students to writing paragraphs containing compound and complex sentences in present, past, and future tenses. Grades are P/NP Only.

Prerequisite(s): ESL-243 or ESL-543 or by placement.

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-558 **0 UNITS****Intermediate Writing**

Writing for intermediate ESL. Develops ability to write more detailed paragraphs using simple and compound sentences in varied verb tenses with proper grammar and mechanics. Grades are P/NP Only.

Prerequisite(s): ESL-245 or ESL-545 or by placement.

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Advisory: Concurrent enrollment in ESL 253/553 and 255/555 is highly recommended.

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.

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-3 3 UNITS~~

~~Race, Ethnicity, and Society~~

~~TRANSFERABLE TO CSU AND UC~~
~~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. (L) Grades are P/NP Option.~~

~~Limitations on Enrollment: Course not open for credit to students with credit in SOGIL-3.~~

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 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, Chicana/Latinx, Native American, and Pacific Islander American groups. (L,C) Grades are P/NP Option.

ETHN 14 **3 UNITS**

Introduction to Asian American Studies

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

This 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 and often resist such forces through political and creative means of expression. (L, C) Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in HIST 14.

ETHN 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: Course not open for credit to students with credit in HIST 14.

ETHN 31

3 UNITS

Asian-American Humanities and Cultures

Course covers Asian American religion, art, music, literature, philosophy, culture and traditions, with a special focus on Asian American populations in the local area, challenges faced by immigrants, discriminatory legislation. Course also looks at the contributions of Asian American groups and the ways these have impacted American culture, as well as the ongoing struggle of Asian American groups to dispel racism, misunderstandings and prejudice while maintaining traditional religious, cultural, and linguistic traditions. Survey of Asian-American cultures. (L)

Limitations on Enrollment: Course not open for credit to students with credit in ASIAN 31 or HUMAN 31.

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 66	Basic Wildland Firefighter	9
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/Decon	1
FIRTC 77	HAZMAT Incident Commander	0.5
FIRTC 84	Low Angle Rope Rescue Operations	1

TOTAL UNITS REQUIRED FOR DEGREE MAJOR

24

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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.

FIRE FIGHTER 1 ACADEMY

ASSOCIATE IN SCIENCE

General Information: Yuba College offers an Associate Degree-Fire Academy program leading to certification as a Fire Fighter 1 through the California State Fire Marshall. A career ladder program for Fire Fighters wishing to advance to positions such as Fire Fighter 2, 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 1 course will have a variety of employment opportunities in local, state and federal firefighting positions. This program offers two versions of the Fire Fighter 1 academy with and without EMT 1 included.

Costs: In addition to the expenses of regularly enrolled students (living costs, activity fees, books, tuition, etc.), Fire Academy students have

(CONT'D FROM PREVIOUS PAGE)

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 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 student.

Prerequisite Advisory: It is highly recommended to complete FIRTC 1-Introduction to the Fire Service and Emergency Services and FIRTC 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
FIRTC 63	Fire Fighter 1 Academy without EMT 1 OR	15
FIRTC64	Fire Fighter 1 Academy with EMT 1	22

Complete five to nine (5-9) units from the following:

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
FIRTC 65	Firefighter I Certification Testing	1
FIRTC 66	Basic Wildland Firefighter	9
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 70F	Instructor 1-Instructional Methodology.....	2

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 20-31

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

FIRE TECHNOLOGY CERTIFICATE OF ACHIEVEMENT

The Fire Technology Certificate of Achievement program prepares students for a career in the fire service and provided 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
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 twelve units from the following:

FIRTC 65	Firefighter I Certification Testing	1
FIRTC 60	Title 22 Public Safety First Aid/CPR Course (21 units).....	0.5
FIRTC 66	Basic Wildland Firefighter.....	9
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/Decon.....	1
FIRTC 77	HAZMAT Incident Commander	0.5
FIRTC 84	Low Angle Rope Rescue Operations	1

TOTAL UNITS REQUIRED FOR CERTIFICATE 30

FIRE ACADEMY-FIRE FIGHTER I CERTIFICATE OF ACHIEVEMENT

The Fire Fighter I Academy is an intensive training program which academically prepares students for entry-level jobs in the fire fighting field. The California State Fire Fighter I curriculum and Emergency Medical Technician guidelines are followed throughout the program and cover the basic skills and knowledge needed to work in the fire service field. While students who are not yet 18 years of age may enroll in the academy, they must be 18 years of age or older to complete the EMT portion of the class and successfully complete the academy. Students must also provide a physician's approval to participate in the physical training portion of the academy.

Students who successfully complete the academy may be certified by the State of California after completing either one year as a volunteer fire fighter or six months as a paid fire fighter with a California fire department. To assist graduates of the academy in obtaining the required experience at a California fire department, Yuba College also offers the Fire Technology Practicum.

Students who complete this program should be able to:

1. Analyze the elements of firefighter safety and survival; differentiate fire prevention, firefighting, and the types of fire apparatus.
2. Demonstrate the ability to analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and fire fighter safety.
3. Demonstrate knowledge and understand of the fire service industry.

REQUIRED COURSE	UNITS
FIRTC 64 Fire Fighter I Academy.....	26

COURSES

FIRTC-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)

FIRTC-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.

FIRTC-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. (L)

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
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-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.

Advisory: FIRTC-1

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.

Prerequisite(s): FIRTC 60 or a combination of Public Safety First Aid or higher qualification and CPR healthcare provider certification or higher.

FIRTC-64**23 UNITS****Fire Fighter I Academy with EMT 1
(Effective Fall 2023)****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.

Advisory: FIRTC-1

Prerequisite(s): FIRTC 60 or a combination of 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-65**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 pass letter from SFT and a FFI pass certificate from the college. Grades are P/NP Only.

Prerequisite(s): FIRTC-64 or a 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-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: FIRTC60; FIRTC75

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 Marshall 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**2 UNITS****Company Officer 2A -Human Resources****C-ID: FIRE 200X
40 LECTURE HOURS**

This course provides information on the use of human resources to accomplish assignments, evaluating member performance, supervising personnel, and integrating health and safety plans, policies, and procedures into daily activities as well as the emergency scene. (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-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. (L,M,C) **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. (L,M,C) 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 UNITS**

Instructor 1 - Instructional Methodology

C-ID: FIRE 250X
40 LECTURE HOURS

This course provides the skills and knowledge needed for the entry level professional instructor to perform his or her duties safely, effectively, and competently. The curriculum is based on the 2012 edition of NFPA 1041 Standard for Fire Service Instructor Professional Qualifications. At the end of this course, candidates for Instructor I certification will be able to teach and deliver instruction from a prepared lesson plan utilizing instructional aids and evaluation instruments. The Instructor I will also be able to adapt a lesson plan and complete the reporting requirements to the local jurisdiction. (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-74 **1.5 UNITS**

Intermediate Wildland Fire Behavior S-290

36 LECTURE HOURS

Aligns with S-290 Intermediate Fire Behavior of the National Wildfire Coordinating Group (NWCG). Provides professional development related to the topic of wildland fire behavior. Provides instruction in the identification and prediction of wildland fire behavior in various fuel types and under varying weather conditions. Prepares municipal, county, state, and federal fire personnel to meet certification standards set forth by the National Inter-agency Incident Management System. (L)

Grades are P/NP Only.

Prerequisite(s): FIRTC-63 or FIRTC-64

Entrance Requirement(s): S-190 or equivalent.

FIRTC-75 **1 UNIT**

Hazardous Materials-FRO/Decon

20 LECTURE HOURS
4 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 FRO and FRO-Decontamination. (L,M,C) 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 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-84

1 UNIT

Low Angle Rope Rescue Operations

12 LECTURE HOURS
12 LAB HOURS

Designed primarily for those working in the fire service, but is open to anyone. This course will equip the student with the techniques and methods for using rope, webbing, hardware friction devices, and litters in low angle rescues. Areas covered include: rope and related equipment, anchor systems, safety lines, stretcher lashing and rigging, mechanical advantage systems along with single line and two line rescue systems. Upon successful completion of the course, students will receive State Fire Marshal certification. (L) Grades are P/NP only.

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 CSU GE-Breadth Certificate of Achievement is designed for students who plan to transfer to a California State University (or California private or out of state college/university that accepts this general education pattern). The IGETC-Intersegmental General Education Transfer Curriculum Certificate of Achievement is primarily designed for students planning to transfer to a University of California but can be used for students planning to transfer to a California State University (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 CSU GE-B or IGETC. These Certificates 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.

For the General Education Degree, complete one of the three broad 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

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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	Mexian-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 18 units of General Education requirements, the multicultural graduation requirement, 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.

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	Microbiology	4
BIOL 10	General Biology	3
BIOL 10L	General Biology	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 2B	Introductory Chemistry II	4
CHEM 10	Concepts of Chemistry	3
ECOL 10	Environment-Concepts and Issues	3
ECOL 11	Enviornment Lab	1
ECOL 12	Marine Ecology	3
GEOG 1	Physical Geography	3
GEOL 8	Earth Science	3
GEOL 10L	Physical Geology	4
GEOL 11L	Historical Geology	4
MATH 1A	Single Variable Calculus-Early Transcendentals	4
MATH 1B	Single Variable Calculus-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
MATH 25	Finite Mathematics	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	Electomagnetism	4
PHYSC 10B	Physical Science-Physics & Chemistry	3
PHYSC 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 1	Introduction To Statistical Methods	4

TOTAL UNITS REQUIRED FOR MAJOR DEGREE 18

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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 Anthropoloy	3
ANTHR 3	Introduction to Archeology.....	3
ECE 3	Child Growth and Development.....	3
ECE 31	Child, Family, Community.....	3
ECON 1A	Elementary Economics-Macro	3
ECON 1B	Elementary Economics-Micro	3
ETHN 1	Introduction to Chicana and Chicano Studies.....	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	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 Since 1865.....	3
HIST 17A	United States History	3
HIST 17B	United States History.....	3
MCOMM 2	Introduction to Electronic Media.....	3
POLSC 1	Introduction to American Government	3
PSYCH 1A	General 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	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
SOCIL 30	Sociology of Aging.....	3
SPECH 8	Intercultural Communication.....	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

CSU GE-BREADTH

CERTIFICATE OF ACHIEVEMENT

This Certificate of Achievement is designed for students planning to transfer to a California State University (CSU) campus. Completion ensures that the student has met the lower division general education-breadth requirements (CSU GE-B) for all 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 must complete the entire CSU GE-B pattern for a minimum total of 39 units (or IGETC for a minimum total of 37 units).

A minimum of 39 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. A grade of "C-" or higher (or "P" Pass) is required for A1, A2, A3, and B4 courses. A minimum total of 30 units of general education must be completed with "C" grades or better for CSU admission.

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 CSU GE-B advising sheets, 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. Students considering applying to a UC campus should NOT use CSU GE-B for general education.

At this time, this Certificate of Achievement will not replace the CSU GE-B Certification document. Certification of CSU GE-B 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 CSU campus to which the student has been accepted and plans to attend.

Students who complete this program should be able to:

1. Demonstrate effective expository and persuasive writing skills.
2. Demonstrate global awareness with an understanding of cultural pluralism.
3. Evaluate the methods of inquiry and evidence used in the behavioral and social sciences.
4. Evaluate ideas about the natural universe using testable methodology.

For courses that satisfy the Areas listed below, see the CSU GE-B pattern on page 45, www.assist.org, or meet with a counselor.

REQUIRED COURSES UNITS

AREA A: English Language Communication and Critical Thinking (9 units minimum; one course required in each area below:)

Area A1: Oral Communication	3
Area A2: Written Communication	3
Area A3: Critical Thinking.....	3

AREA B: Scientific Inquiry and Quantitative Reasoning (9 units minimum; one course required in each area below)

Area B1: Physical Science.....	3
Area B2: Life Science	3
Area B3: Laboratory Activity.....	0-1
Area B4: Mathematics/Quantitative Reasoning	3

Area C: Arts and Humanities (9 units minimum; one course required in each area below:)

Area C1: Arts.....	3
Area C2: Humanities.....	3
Area C1: Arts or C2: Humanites	3

Area D: Social Sciences (6 units minimum; one course required in each area below:)

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Area D: Social Science.....	3
Area D: Social Science.....	3
Area E: Lifelong Learning and Self Development (3 units minimum; one course required from the area below):	
Area E: Lifelong Learning and Self Development	3
Area F: Ethnic Studies (3 units minimum; one course required from the area below):	
Area F: Ethnic Studies	3
TOTAL UNITS REQUIRED FOR CERTIFICATE	39

For required courses, see the CSU GE-B Pattern on page 45 or meet with a counselor.

IGETC - INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM

CERTIFICATE OF ACHIEVEMENT

This Certificate of Achievement is designed primarily for students planning to transfer to a University of California (UC) campus. It would also work for students planning to transfer to a California State University (CSU) campus, many 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.

A minimum of 34 total units is required with a specified number of units in each area for students following the UC version. (Students who have not met the Language Other Than English requirement will need additional units.) A minimum of 37 units is required with a specified number of units in each area for students following the CSU version. 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 IGETC advising sheets, 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 IGETC Certification document. Certification of IGETC 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. IGETC 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 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 (Total 9)	
AREA 1A: English Composition	3
AREA 1B: Critical Thinking-English Composition	3
AREA 1C: Oral Communication (CSU Only)	3
AREA 2-Mathematical Concepts and Quantitative Reasoning (Total 3)	
AREA 2A: Mathematical Concepts and Quantitative Reasoning	3
AREA 3- ARTS and HUMANITIES (Total 9)	
AREA 3A: Arts	3
AREA 3B: Humanities	3
AREA 3A or 3B: Arts or Humanities	3
AREA 4- SOCIAL and BEHAVIORAL SCIENCES (Must be selected from two different disciplines) (Total 6)	
AREA 4: Social and Behavioral Sciences	3
AREA 4: Social and Behavioral Sciences	3
AREA 5-PHYSICAL and BIOLOGICAL SCIENCES (Total 6-9)	
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-LANGUAGE OTHER THAN ENGLISH (UC ONLY) (Total 0-4)	
AREA 6: Language Other Than English (UC Only-Proficiency equivalent to two years of high school study in the same language)	0-4
AREA 7-ETHNIC STUDIES (Total 3)	
AREA 7: Ethnic Studies	3
TOTAL UNITS REQUIRED FOR CERTIFICATE	34-37

For required courses, see the IGETC Pattern on page 50 or meet with a counselor.

Geography

GEOGRAPHIC INFORMATION SYSTEMS

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

Select one course from the following:

COMSC 4 Python Programming.....	1.5
INTRN 45A First Semester Internship.....	1

TOTAL UNITS REQUIRED FOR CERTIFICATE 16-16.5

COURSES

GEOG-1 3 UNITS

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

Physical Geography Laboratory

TRANSFERABLE TO CSU
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

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 10 3 UNITS

Introduction to Geographic Information Systems

TRANSFERABLE TO CSU
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

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.

Associates in Science in Geology for Transfer requirements (as stated in SB1440 law) requires students to complete the following:

1. Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.
 - b. Minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.
3. Students must earn a "C" grade or better in all courses required for the major or area of emphasis.

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
GEOL 10L Physical Geology	4
GEOL 11L Historical Geology.....	4
CHEM 1A General Chemistry.....	5
CHEM 1B General Chemistry.....	5
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 CSU GE-B or IGETC (CSU version), 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

Laboratory activities in Earth Science to reinforce and complement the materials presented in GEOL 8.

Co-requisite: GEOL-8

Limitations on Enrollment: Course not open for credit to students with credit in PHYSC 10AL

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)

GEOL-40 V1-2 UNITS

Regional Geology - Sierra Nevada

TRANSFERABLE TO CSU
16.2 LECTURE HOURS AND 5.4 LAB HOURS (1 UNIT)
32.4 LECTURE HOURS AND 10.8 LAB HOURS (2 UNITS)

This field course focuses on the geology of the Sierra Nevada, with an emphasis on the tectonic and erosional history of the area. The course includes study of the various intrusive rocks and the minerals they contain, as well as the relative ages of the plutons. Glacial erosional and depositional processes will be discussed.

GEOL-42 V1-3 UNITS

Regional Geology - California Volcanoes

TRANSFERABLE TO CSU
12 LECTURE HOURS AND 12 ACTIVITY HOURS (1 UNIT)
24 LECTURE HOURS AND 24 ACTIVITY HOURS (2 UNITS)
36 LECTURE HOURS AND 36 ACTIVITY HOURS (3 UNITS)

This field course provides an opportunity to explore a specific site of volcanic interest in California. The course will explore the tectonic setting, the rock cycle, weather and erosion, and topics specific to volcanoes. Trip location will vary depending on season and accessibility. Varying amounts of hiking will be required depending on the location. Students are responsible for the costs of meals, transportation, and camping or lodging.

GEOL-43 V1-3 UNITS

Regional Geology - California Coasts

TRANSFERABLE TO CSU
16.2 LECTURE HOURS AND 5.4 LAB HOURS (1 UNIT)
32.4 LECTURE HOURS AND 10.8 LAB HOURS (2 UNITS)
48.6 LECTURE HOURS AND 16.2 LAB HOURS (3 UNITS)

This field course provides an opportunity to explore a specific area of coastal interest in California. The course will explore the tectonic setting, the rock cycle, weather and erosion, and topics specific to coastlines. Trip location will vary depending on season and accessibility. Varying amounts of hiking will be required depending on the location. Students are responsible for the costs of meals, transportation, and camping or lodging.

GEOL-44 V1-3 UNITS

Regional Geology - California Deserts

TRANSFERABLE TO CSU
 16.2 LECTURE HOURS AND 5.4 LAB HOURS (1 UNIT)
 32.4 LECTURE HOURS AND 10.8 LAB HOURS (2 UNITS)
 48.6 LECTURE HOURS AND 16.2 LAB HOURS (3 UNITS)

This course will explore one or multiple desert locations specific to California. Content will focus on specific features of geologic interest, and will include geographic features. Historical climates will also be considered as well as human impact and preservation.

GEOL-45 V1-3 UNITS

Regional Geology - Field Trip

TRANSFERABLE TO CSU
 16.2 LECTURE HOURS AND 5.4 LAB HOURS (1 UNIT)
 32.4 LECTURE HOURS AND 10.8 LAB HOURS (2 UNITS)
 48.6 LECTURE HOURS AND 16.2 LAB HOURS (3 UNITS)

This field course provides an opportunity to explore specific areas of geologic interest. Tectonic setting, sedimentary processes and rock formation will be emphasized. Trip location will vary depending on season and accessibility.

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-2 1 UNIT

First Aid/ Cardiopulmonary Resuscitation

TRANSFERABLE TO CSU
 18 LECTURE HOURS

Learn the skills needed for standard First Aid and Cardiopulmonary Resuscitation/AED. This course is highly recommended for volunteer coaches, parents, child care givers and individuals who are interested in helping save lives. Upon successful completion of the course, students may receive a Red Cross certification card. Students will have an additional fee to receive the American Red Cross CPR card.

HLTH-3 3 UNITS

First Aid & CPR for Kinesiology Majors

TRANSFERABLE TO CSU AND UC
 C-ID: KIN 101
 54 LECTURE 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 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. (L)

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
 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
 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. (L).

History

HISTORY 

ASSOCIATE IN ARTS FOR TRANSFER

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

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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 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 for Transfer requirements (as stated in SB 1440) requires students to also complete the following:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
- Obtainment of a minimum grade point average of 2.0.
- Earn a grade of “C” grade 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. 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 17A	United States History.....	3
HIST 17B	United States History.....	3

List A: Complete two courses from the following:

HIST 4A	Western Civilization OR	3
HIST 5A	World Civilizations.....	3
HIST 4B	Western Civilization OR	3
HIST 5B	World Civilizations.....	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 (if not already used).....	3
HIST 5B	World Civilizations (if not already used).....	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 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 1A	Elementary Economics-Macro.....	3
ECON 1B	Elementary Economics-Micro.....	3
HIST 4A	Western Civilization (if not already used).....	3
HIST 4B	Western Civilization (if not already used).....	3

HIST 5A	World Civilizations (if not already used).....	3
HIST 5B	World Civilizations (if not already used).....	3
HUMAN 10	Introduction To Western Humanities.....	3
HUMAN 11	Art, Literature and Music in Humanities.....	3
POLSC 1	Introduction to American Government.....	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 CSU GE-B or IGETC (CSU version), 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 17A	United States History.....	3
HIST 17B	United States History.....	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 AND	3
HIST 4B	Western Civilization.....	3
OR		
HIST 5A	World Civilizations AND	3

HIST 5B	World Civilizations	3
List B: Complete two courses from the following or HIST 5A or HIST 5B if not used above:		
HIST 5A	World Civilizations (if not already used) OR	3
HIST 5B	World Civilizations (if not already used)	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 29	Women in American History	3
ECON 1A	Elementary Economics-Macro	3
ECON 1B	Elementary Economics-Micro	3
HUMAN 10	Introduction To Western Humanities	3
POLSC 1	Introduction to American Government	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 18 units of General Education requirements, the multicultural graduation requirement, 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.

COURSES

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

TRANSFERABLE TO CSU AND UC
C-ID: HIST 150
54 LECTURE HOURS

Survey of the experience of all peoples with vastly different cultures inhabiting a single globe. Emphasizes the emergence of human communities, formation of complex societies, development of major belief systems and interaction with the environment based on experience, knowledge, and technology to c. 1500. (L)

HIST-5B 3 UNITS

World Civilizations

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. (L)

HIST-7 3 UNITS

Indians of North America

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Survey history of Indians of the United States and Canada from pre-Columbian societies through European conquest to the modern day. (L)

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 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 1865

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Survey of African-American history from pre-colonial period to the Civil War. (L)

HIST-16B **3 UNITS****African-American History****TRANSFERABLE TO CSU AND UC**
54 LECTURE HOURS

Survey of African-American history from Civil War to the present. (L)

Limitations on Enrollment: Not open for credit to student with credit in African-American 16B (Ethnic Studies).**HIST-17A** **3 UNITS****United States History****TRANSFERABLE TO CSU AND UC**
C-ID: HIST 130
54 LECTURE HOURS

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-17B **3 UNITS****United States History****TRANSFERABLE TO CSU AND UC**
C-ID: HIST 140
54 LECTURE HOURS

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. (L)

HIST-29 **3 UNITS****Women in American History****TRANSFERABLE TO CSU AND UC**
54 LECTURE HOURS

General introduction to the history of women in America from colonial times to the present. Emphasis on the changing political, economic, social and ethnic history. (L)

Limitations on Enrollment: Course not open for credit to students with credit in WOMAN 29.

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 44	Chemical Dependency Internship Seminar.....	2.5
HUSEV 45	Supervised Chemical Dependency Internship.....	3.5-4.5

TOTAL UNITS REQUIRED FOR DEGREE MAJOR **36-37**

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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

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

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

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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 44 Chemical Dependency Internship Seminar.....	2.5
HUSEV 45 Supervised Chemical Dependency Internship.....	3.5-4.5

Complete one course from the following:

HUSEV 10 Introduction to Human Services.....	3
HUSEV 41 Co-Occurring Disorders.....	3
PSYCH 1A General Psychology.....	3
SOCIL 1 Introduction to Sociology.....	3

TOTAL UNITS REQUIRED FOR CERTIFICATE 33-34

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.

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-33

1 UNIT

Self-Awareness: The Key To Non-Addictive Behavior

TRANSFERABLE TO CSU
18 LECTURE HOURS

Emphasis on techniques to build a healthy relationship with oneself as fundamental for releasing addictive behavior patterns and guard against counselor burnout. (L) Grades are 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-44

2.5 UNITS

Chemical Dependency Internship Seminar

TRANSFERABLE TO CSU
C-ID: ADS 210X
45 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.

Co-requisites: HUSEV-45; HUSEV-20

Prerequisite(s): HUSEV-23; HUSEV-24; HUSEV-25; HUSEV-28

HUSEV-45

V3.5-4.5 UNITS

Supervised Chemical Dependency InternshipTRANSFERABLE TO CSU
255 LAB HOURS

This course offers students a supervised field experience in a community organization, agency, or institution, allowing the student to apply knowledge and learn new skills outside of the classroom environment. This course is designed to provide the student with an opportunity to develop skills that would facilitate gaining employment in the chemical dependency or human services fields. (L) Grades are P/NP Option.

Co-requisite: HUSEV-44

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 AppreciationTRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Introduction to art appreciation with an emphasis on basic 2D, 3D, and film mediums and their relationship to humanities. Historical and contemporary work with a multicultural focus will be emphasized. (L)

Limitations on Enrollment: Course not open for credit to students with credit in ART-5.

HUMAN-10

3 UNITS

Introduction To Western HumanitiesTRANSFERABLE 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 HumanitiesTRANSFERABLE 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 MythTRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Compares and contrasts ethnic and universal messages of myth. Explores life's great themes across many cultures. This class will cover myths from around the world, including at least four of the following cultures each semester: India, Mesopotamia, Africa, North and South America, Celtic, Nordic, East Asia, and others. (L)

HUMAN-26A

3 UNITS

Women in Art ITRANSFERABLE 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 ART-3A.

HUMAN-26B

3 UNITS

Women in Art IITRANSFERABLE 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 ART-3B.

HUMAN 31

3 UNITS

Asian-American Humanities and CulturesTRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Course covers Asian American religion, art, music, literature, philosophy, culture and traditions, with a special focus on Asian American populations in the local area, challenges faced by immigrants, discriminatory legislation. Course also looks at the contributions of Asian American groups and the ways these have impacted American culture, as well as the ongoing struggle of Asian American groups to dispel racism, misunderstandings and prejudice while maintaining traditional religious, cultural, and linguistic traditions. Survey of Asian-American cultures. (L)

Limitations on Enrollment: Course not open for credit to students with credit in ASIAN 31 or ETHN 31.

HUMAN-34

3 UNITS

Introduction To FilmTRANSFERABLE 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.

Internship

COURSES

INTRN-45A **VO.5-8 UNITS**

First Semester Internship

TRANSFERABLE TO CSU
30-600 LAB HOURS

Coordination of introductory on-the-job learning within a career path and college major to improve employment skills and career opportunities through supervised paid employment or volunteer experience. Grades are P/NP Only.

Entrance Requirement(s): Must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) related to the student's major. Student's supervisor must agree to participate in the program, which entails communicating and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student's hours, evaluating the student, and otherwise training/guiding the student.

Limitations on Enrollment: Students enrolling in this class are not eligible for other CWEE or INTRN classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes.

INTRN-45B **VO.5-8 UNITS**

Second Semester Internship

TRANSFERABLE TO CSU
30-600 LAB HOURS

Coordination of intermediate on-the-job learning within a career path and college major to improve employment skills and career opportunities through supervised paid employment or volunteer experience, progressive from the first semester. Students may enroll in 1-8 units. Grades are P/NP Only.

Prerequisite(s): CWEE-45A or CWEE-45B or INTRN-45A or INTRN-46

Limitations on Enrollment: Students enrolling in this class are not eligible for other Cooperative Work Experience Education (CWEE) or Internship (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and INTRN classes.

INTRN-45C **VO.5-8 UNITS**

Third Semester Internship

TRANSFERABLE TO CSU
30-600 LAB HOURS

Coordination of intermediate on-the-job learning within a career path and college major to improve employment skills and career opportunities through supervised paid employment or volunteer experience, progressive from the first and second semesters. Grades are P/NP Only.

Prerequisite(s): INTRN-45B

INTRN-45D **VO.5-8 UNITS**

Fourth Semester Internship

TRANSFERABLE TO CSU
30-600 LAB HOURS

Coordination of advanced on-the-job learning within a career path and college major to improve employment skills and career opportunities

through supervised paid employment or volunteer experience, progressive beyond the first through third semesters. Students may enroll in 1-8 units. Grades are P/NP Only.

Prerequisite(s): INTRN-45C

Entrance Requirement(s): Must have local paid employment (75 hours per unit) or a volunteer position (60 hours per unit) related to the student's major. Student's supervisor must agree to participate in the program, which entails communicating and meeting with college staff (Work Experience Mentor), assisting the student in writing and completing learning objectives, verifying the student's hours, evaluating the student, and otherwise training/guiding the student.

Limitations on Enrollment: Students enrolling in this class are not eligible for other Cooperative Work Experience (CWEE) or Internship (INTRN) classes during the same semester. Students may not exceed sixteen (16) units in the combination of CWEE and in INTRN classes.

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.

Associate in Arts in Kinesiology for Transfer requirements (as stated in SB1440 law) requires students to also complete the following:

- a minimum of 18 semester units in the major or area of emphasis as determined by the community college district
- 60 semester CSU transferable units
- California State University General Education-Breadth (CSU GE-Breadth) pattern of 39 units; OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern of 37 units.
- Obtainment of a minimum grade point average (GPA) of 2.0.
- Earn a grade of "C" or better, or a P (Pass), in all courses required for the major or area of emphasis.

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)

BIOL 10L General Biology OR	4
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(CONT'D FROM PREVIOUS PAGE)

BIOL 15	Bioscience OR	4
BIOL 24L	Human Biology with Laboratory.....	4
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 AND	3
PHYS 3A	General Physics Laboratory	1
STAT 1	Introduction to Statistical Methods	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	Soccer	1.5
KINES 1.77	Volleyball-Beginning	1.5
KINES 1.79	Volleyball-Intermediate	1.5

Individual Sports

KINES 1.25	Badminton	1.5
KINES 1.31	Golf-Beginning	1.5
KINES 1.33	Golf-Advanced	1.5

Fitness

KINES 1.21	Aerobic Exercise	1.5
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	Weight Training-Beginning.....	1.5
KINES 1.57B	Weight Training-Intermediate.....	1.5
KINES 1.59	Weight Training-High Intensity.....	1.5
KINES 4	Low Impact Fitness	1.5

Dance

KINES 1.42	Dance Techniques-Beginning.....	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 CSU GE-B or IGETC (CSU version), 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

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 1.21	Aerobic Exercise.....	1.5
KINES 1.22	Step Aerobics	1.5
KINES 1.24	Bowling	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	Golf-Beginning.....	1.5
KINES 1.33	Golf-Advanced.....	1.5
KINES 1.34	Boot Camp Fitness	1.5
KINES 1.36	Yoga.....	1.5
KINES 1.36B	Yoga-Intermediate	1.5
KINES 1.37	Club Fitness.....	1.5
KINES 1.42	Dance Techniques-Beginning.....	1.5
KINES 1.43	American Style Swing and Latin Dance.....	1.5
KINES 1.57	Weight Training-Beginning	1.5
KINES 1.57B	Weight Training-Intermediate.....	1.5
KINES 1.58	Cross Fit/Weight Training for Women.....	1.5
KINES 1.59	Weight Training-High Intensity	1.5
KINES 1.71	Basketball	1.5
KINES 1.75	Soccer.....	1.5
KINES 1.76	Advanced Soccer	1.5
KINES 1.77	Volleyball-Beginning.....	1.5
KINES 1.79	Volleyball-Intermediate.....	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 10	Adapted Yoga and Cardio Fitness	1.5
KINES 21A	Analysis of Softball: Offense	2
KINES 21B	Analysis of Softball: Defense	2
KINES 22	Analysis of Basketball.....	2
KINES 24	Analysis of Football	2
KINES 28	Analysis of Soccer.....	2
KINES 29A	Analysis of Baseball: Offense	2

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 21

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

COURSES

KINES-1.21 1.5 UNITS

Aerobic Exercise

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Aerobic exercise designed to develop and/or maintain cardiovascular endurance, muscular strength, flexibility, and coordination through the use of continuous vigorous movements. Fitness knowledge and nutritional practices will be presented. Grades are P/NP Option.

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

Skills and fundamentals in individual and doubles play with an emphasis on rules and etiquette. 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

Golf-Beginning

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

Golf-Advanced

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

Yoga - Intermediate

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

Dance Techniques-Beginning

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Introduction to individual techniques of various dance : waltz, foxtrot, jitterbug, rumba, cha-cha, polka, country swing, and two-step. Grades are P/NP Option.

KINES-1.57 1.5 UNITS**Weight Training-Beginning**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 13.5 LECTURE HOURS
 40.5 LAB HOURS

Individualized weight training program designed to improve muscular strength and endurance. Emphasis is on lifetime fitness including principles of nutrition, fitness, and safety. Grades are P/NP Option.

KINES-1.57B 1.5 UNITS**Weight Training-Intermediate**

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-1.59 1.5 UNITS**Weight Training-High Intensity**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 13.5 LECTURE HOURS
 40.5 LAB HOURS

High intensity training involving lifting light weights at higher speeds. Circuit training using several machines, or stations, and lighter weights will be the typical workouts. Weight training methods and circuit training will be combined to improve aerobic fitness and muscular endurance. Basic nutrition and fitness principles will be covered. 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**Soccer**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 13.5 LECTURE HOURS
 40.5 LAB HOURS

Techniques, skills, rules, conditioning, and drills for soccer.

KINES-1.76 1.5 UNITS**Advanced Soccer**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
 13.5 LECTURE HOURS
 40.5 LAB HOURS

Advanced techniques of soccer including skills and conditioning used to prepare for competitive play.

KINES-1.77 1.5 UNITS**Volleyball-Beginning**

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**Volleyball-Intermediate**

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 Gen Cond**

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. Students with disabilities will be required to show proof of disability from a physician. 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. Students with disabilities will be required to show proof of disability from a physician. 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. Students with disabilities will be required to show proof of disability from a physician. 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, and a healthy body composition. Students with disabilities will be required to show proof of disability from a physician. 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. Students with disabilities will be required to show proof of disability from a physician. Grades are P/NP Option.

KINES-10 1.5 UNITS**Adapted Yoga and Cardio Fitness**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
13.5 LECTURE HOURS
40.5 LAB HOURS

Adapted Yoga and Cardio Fitness methods and techniques modified to individual needs and disabilities. Skills and techniques utilized to improve relaxation, flexibility, core stabilization and cardiovascular fitness. Principles of fitness and nutrition. Students with disabilities will be required to show proof of disability from a physician. 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-24 2 UNITS**Analysis of Football**

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
36 LECTURE HOURS

Analysis of offensive and defensive football, including philosophy and strategies; current techniques of passing, blocking, and tackling along with practical application of scouting.

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 .

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.

(CONT'D FROM PREVIOUS PAGE)

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 41 for details.)

- KINES 1.21 – Aerobics Exercise
- 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 41 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 41 for details.)

- 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 41 for details.)

- KINES 3 – Adapted Physical Education Gen Cond
- 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 41 for details.)

- KINES 1.42 – Dance Techniques – Beginning

GOLF:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- KINES 1.31 – Golf - Beginning
- KINES 1.33 – Golf – Advanced

RAQUET SPORT:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 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 41 for details.)

- KINES 1.75 – 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 41 for details.)

- KINES 21A – Analysis of Softball: Offense
- KINES 21B – Analysis of Softball: Defense
- KINES 22 – Analysis of Basketball
- KINES 24 – Analysis of Football
- KINES 28 – Analysis of Soccer
- KINES 29A – Analysis of Baseball: Offense
- KINES 29B – Analysis of Baseball: Defense

VOLLEYBALL:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- KINES 1.77 - Volleyball – Beginning
- KINES 1.79 – Volleyball – Intermediate

WEIGHT TRAINING:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- KINES 1.57 – Weight Training – Beginning
- KINES 1.59 – Weight Training – High Intensity
- KINES 1.57B – Weight Training – Intermediate
- 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 41 for details.)

- KINES 1.36 – Yoga
- KINES 1.36B – Yoga - Intermediate
- KINES 10 – Adapted Yoga and Cardio Fitness

Learning and Development

COURSES

LEARN-155

2 UNITS

Beginning Assistive Computer Technology

18 LECTURE HOURS

54 LAB HOURS

Designed for students with disabilities who have limited computer experience. Focus is on use of keyboard/mouse, personal data storage, basic MS Word, use of MyCampus Portal and Canvas, internet use, educational websites, and software for independent learning. Incorporates an overview of currently available assistive computer technology used to meet the educational needs of students with physical, learning, and cognitive impairments. Grades are P/NP Only.

LEARN-156

2 UNITS

Intermed Assistive Computer Technology

18 LECTURE HOURS

54 LAB HOURS

Designed for students with disabilities in need of assistive computer technology to ensure equal access to college materials and improved efficiency on academic tasks. Prepares student for independent use of current technologies available in college computer labs, modern work environments, and personally adapted home computer systems. Recommendation: basic reading/writing skills and familiarity with computers. Grades are P/NP Only.

LEARN-174 **3 UNITS**

Basic Math Facts and Operations

36 LECTURE HOURS
54 LAB HOURS

Mastery of basic mathematical facts of addition, subtraction, multiplication, and division; basic operations with whole numbers, and addition and subtraction of like fractions. Grades are P/NP Option.

LEARN-180 **3 UNITS**

Reading and Writing Development

54 LECTURE HOURS

Designed especially for students with disabilities and others who have difficulty learning by traditional methods. Introductory course in basic reading/writing development in preparation for subsequent coursework requiring academic language arts skills. Emphasis on exploring current perception as a reader/writer, utilizing strategies for improved reading comprehension, understanding sentence/paragraph structure, building skills in mechanics of writing, and expanding vocabulary. This class will incorporate the use of educational technology to accelerate learning and as a tool for raising efficiency of reading/writing tasks. Recommendation: Basic reading/writing skills, familiarity with computers, and readiness for college participation. Grades are P/NP Only.

LEARN-251 **1 UNIT**

Academic Evaluation

18 LECTURE HOURS

Designed for students who wish to better understand their individual spectrum of learning aptitudes including current achievement levels. Eligibility for academic accommodations may be considered based on testing information using step-by-step guidelines mandated by the California Community College System. Grades are P/NP Only.

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. Demonstrate 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 AutoCAD	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 a minimum of 7 additional units from the following:

AUTO 22	Hydraulics (Fluid Power)	3
WELD 10	Introduction To Sheilded Metal Arc Welding (SMAW)	4
WELD 20	Introduction To Gas Metal Arc Welding (GMAW)	4

(CONT'D FROM PREVIOUS PAGE)

WELD 83	GMAW/GTAW Production Welding	4
WELD 85	Structural Design and Fabrication.....	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 30

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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 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 30	Gas Welding.....	2

TOTAL UNITS REQUIRED FOR CERTIFICATE 25-27

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. (L,M)

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**

Manual 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 a CAM (Computer Aided Manufacturing) software system to learn about Features, solids, geometry, and surfaces in the production of parts through the use of a CNC lathe and milling machine. (C)

Prerequisite(s): MFGT-34

MFGT-50 3 UNITS

Principles of Programmable Logic Controllers

**36 LECTURE HOURS
54 LAB HOURS**

This course introduces basic concepts of Programmable Logic Controllers (PLC) use and applications including PLC programming, installation, operation and troubleshooting, as well as basic communications and logic operations. Students will program and build PLC systems with emphasis on practices used in the manufacturing industry. Grades are P/NP Option.

MFGT-51 3 UNITS

Industrial Electronics Systems

**36 LECTURE HOURS
54 LAB HOURS**

This course covers basic AC/DC circuit principles and practices. Students will explore areas of electrical and electronic circuits including: circuit theory, components, circuit construction and analysis, soldering techniques, proper test equipment usage, troubleshooting methodology, and applications in various technical fields. This course discusses the elements and applications of electricity that are common to any industrial facility. This course also covers applications in accordance with the National Electric Code (NEC). Grades are P/NP Option.

MFGT-55 4 UNITS

Principles of Material Science

**54 LECTURE HOURS
54 LAB HOURS**

This is an introductory course to the properties and performance

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of materials used in the Manufacturing and Welding industries. Knowledge of material properties is used to understand the behavior and structure of engineering materials. Hands-on laboratory activities include the testing of metals, polymers, composites, wood, and other materials. Not intended to satisfy Engineering requirements.

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. Learning will be applied to problem solving and to product creation. (C)

MFGT-62 **3 UNITS**

Advanced Machine Shop

36 LECTURE HOURS
54 LAB HOURS

This is an advanced course in machining, which encompasses tool & 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. (L,M)

Mass Communications

MASS COMMUNICATIONS

ASSOCIATE IN ARTS

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
MCOMM 2 Introduction to Electronic Media	3
MCOMM 4 Beginning TV Studio Production	3
MCOMM 5 Beginning Motion Picture Production	3
MCOMM 6 Beginning Audio Production	3
MCOMM 8 Introduction to Media Writing OR	3
MCOMM 19 News Writing and Reporting	3
MCOMM 14 Advanced Studio Video Production OR	3
MCOMM 20L Newspaper Production	3-4
MCOMM 15 Beginning Single Camera Production	3
MCOMM 17 Television Remote Production	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR **24-25**

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

MASS COMMUNICATIONS

ASSOCIATE IN SCIENCE

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
MCOMM 4 Beginning TV Studio Production	3
MCOMM 5 Beginning Motion Picture Production	3
MCOMM 6 Beginning Audio Production	3
MCOMM 8 Introduction to Media Writing	3
MCOMM 15 Beginning Single Camera Production	3
MCOMM 17 Television Remote Production	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR **18**

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

MASS COMMUNICATIONS

CERTIFICATE OF ACHIEVEMENT

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
ART 31 Basic Photography	3
MCOMM 4 Beginning TV Studio Production	3
MCOMM 5 Beginning Motion Picture Production	3
MCOMM 6 Beginning Audio Production	3
MCOMM 8 Introduction to Media Writing	3
MCOMM 15 Beginning Single Camera Production	3
MCOMM 17 Television Remote Production	3

TOTAL UNITS REQUIRED FOR CERTIFICATE **21**

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COURSES**MCOMM-2** 3 UNITS**Introduction to Electronic Media**

TRANSFERABLE TO CSU AND UC
C-ID: FTVE 100 PENDING
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.

MCOMM-3 3 UNITS**Exploring American Television**

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

Students explore new trends in television production and distribution in American TV. Potential genres include situation comedy, crime drama, western, legal drama, sci-fi, medical drama and reality TV. Content will be analyzed from a variety of perspectives including social, cultural, political, historical, and economic to explore how television impacts culture and the individual. Grades are P/NP Option.

MCOMM-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. (L,C)

MCOMM-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 theory, terminology, and process of motion picture production for film and television. Topics include basic cinematography including the operation, function and creative uses of production and post-production equipment, scriptwriting, camera operation, shot composition, lighting, sound recording and mixing, and editing. (L,C)

MCOMM-6 3 UNITS**Beginning Audio Production**

TRANSFERABLE TO CSU
C-ID: FTVE 120 PENDING
36 LECTURE HOURS
54 LAB HOURS

This course serves as an introduction to the theory and practice of audio production for radio, television, film and digital 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, mixing and mastering audio. Upon completion, students will have basic knowledge of applied audio concepts, production workflow, equipment functions, and audio editing software.

MCOMM 8 3 UNITS**Introduction to Media Writing**

TRANSFERABLE TO CSU
C-ID: FTVE 110 PENDING
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.

MCOMM 10 3 UNITS**Beginning Digital Editing**

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

In this course, students develop and improve their digital editing skills using non-linear editing software. Students will explore film/video editing theory and apply various editing styles to video footage from multiple sources. Students will gain understanding of the impact that editing has on audience response. Critical analysis of the editing process, editing complex scenes and creating visual effects will be part of the curriculum. (C)

MCOMM-14 3 UNITS**Advanced Studio Video Production**

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

Advanced technical operation and creative use of television studio equipment. Techniques of production, use of cameras, lighting, sound, titling, video recording, and video switching effects. (L)

Prerequisite(s): MCOMM-4**MCOMM-15** 3 UNITS**Beginning Single Camera Production**

TRANSFERABLE TO CSU
C-ID: FTVE 130 PENDING
36 LECTURE HOURS
54 LAB HOURS

The course provides an introduction to the theory, terminology, and operation of single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control and basic editing. This course focuses on the aesthetics and fundamentals of scripting, producing, directing on location, postproduction, and exhibition/distribution. (L,C)

MCOMM-17 3 UNITS**Television Remote Production**

TRANSFERABLE TO CSU
36 LECTURE HOURS
54 LAB HOURS

Advanced creative use of electronic field video production while using multiple cameras to produce live or archived television events, such as, sporting events, theatrical and musical productions, and entertainment or informational programs. Much of class time is devoted to "on location" production.

MCOMM 19 **3 UNITS**

News Writing and Reporting

TRANSFERABLE TO CSU AND UC
C-ID: JOUR 110 PENDING
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.

MCOMM 40 **1 UNIT**

Success in Online Learning

TRANSFERABLE TO CSU
18 LECTURE HOURS

This course is designed to prepare students to successfully complete an online course. Topics include hardware and software requirements; problem-solving online issues; using additional software to review or submit class assignments; effective online communication skills and strategies; online assessment tools; critical thinking in the online environment; ethical online behavior; and emerging learning technologies. Grades are P/NP Only.

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.

Pursuant to SB 1440, the Associate in Science for Transfer is intended for students who plan to complete a bachelor's degree in Mathematics at a CSU campus. Students completing an AS-T degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that does accept the AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree. The Associate in Science in Mathematics for Transfer 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 consult with a counselor for more information on university admission and transfer requirements. To earn this AS-T degree, students must meet the following Associate Degree for Transfer requirements (pursuant to SB1440 law):

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- 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.

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 or MATH 2 or MATH 3 if not already used from List A:

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	Intro 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 CSU GE-B or IGETC (CSU version), 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).
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

(CONT'D FROM PREVIOUS PAGE)

MATH 10	Liberal Arts Mathematics <i>OR</i>	3
MATH 51	Plane Geometry <i>OR</i>	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 18 units of General Education requirements, the multicultural graduation requirement, 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.

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-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): MATH-52 or MATH-52B or a satisfactory score on the mathematics placement test.

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): MATH-52 or MATH-52B or MATH 59 or placement.

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): MATH-52 or MATH-52B or MATH-59

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

(CONT'D FROM PREVIOUS PAGE)

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): MATH-52 or MATH 52B or a satisfactory score on the mathematics placement test.

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): MATH-52 or MATH 52B or MATH 59 or a satisfactory score on the mathematics placement test.

MATH-25 **3 UNITS**

Finite Mathematics

TRANSFERABLE TO CSU AND UC

C-ID: MATH 130

54 LECTURE HOURS

Linear functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability. Applications in business, economics and social sciences. Grades are P/NP Option.

Prerequisite(s): MATH-52 or MATH-52B or MATH-59

MATH-52 **4 UNITS**

Intermediate Algebra

72 LECTURE HOURS

To prepare students to take transfer-level mathematics or statistics courses. Topics include: real and complex numbers; factoring of polynomials; rational and radical expressions and equations; functions (general); linear, quadratic, exponential, and logarithm functions and equations; graphs; distance, midpoint, and circles in the Cartesian plane; application problems. Grades are P/NP Option.

Prerequisite(s): MATH-101 or MATH-101B or qualifying score on the mathematics placement test.

MATH-55 **3 UNITS**

History of Algebra

54 LECTURE HOURS

A history of algebra from ancient times up to the 18th century. Introduction to a variety of number systems; the operations of addition, subtraction, multiplication, and division, and the finding of square roots; sets and logic; rational, irrational, real, and complex numbers; Greek number theory; linear, quadratic, and cubic equations; and applications (including proportions, variation, compound interest, exponential growth and decay). Ideas and methods from different parts of the world and at different times are mainly presented in their historical context. This course satisfies the AA and AS degree requirement, but it does not satisfy the prerequisite for a Transferable

mathematics or statistics course. Grades are P/NP Option.

MATH-58 **3 UNITS**

Mathematics for Everyday Living

54 LECTURE HOURS

Interpretation of and reasoning with quantitative information. Coverage of logic; units analysis; uses and abuses of percentages, ratios, and indices; financial management; and statistics. This course satisfies the AA and AS degree requirement but does not satisfy the prerequisite for a Transferable math course. Grades are P/NP Option.

Prerequisite(s): MATH-101 or MATH-101B or by placement.

MATH-59 **4 UNITS**

Foundations of Algebra

63 LECTURE HOURS

27 LAB HOURS

This course consists of elements of beginning and intermediate algebra necessary for long-term engagement in math-intensive fields. Topics include polynomial, rational, radical, exponential, and logarithmic expressions, equations, functions, graphs, modeling and applications; polynomial, rational, and radical inequalities; systems of equations and conic sections; algebra of functions; and complex numbers. Grades are P/NP Option.

Music

Classes with "R" can be taken a total of four times but are subject to Family of Classes restrictions on page 160-161.

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.

To earn this AA-T degree, students must meet the following Associate in Arts Degree for Transfer requirements (pursuant to SB 1440 law):

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Obtainment of a minimum grade point average of 2.0. 5. Earn a grade of "C" or better or "P" (pass) in all courses required for the major or area of emphasis.

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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: 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 33R	Chamber Singers	OR	1
MUSIC 34R	Concert Choir	OR	1
MUSIC 43R	Symphonic Band	OR	1
MUSIC 44R	Instrumental Chamber Ensemble	OR	1
MUSIC 47R	Chamber Orchestra		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	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 CSU GE-B or IGETC (CSU version), 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.
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 33R	Chamber Singers	1
MUSIC 34R	Concert Choir	1
MUSIC 43R	Symphonic Band	1

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MUSIC 44R	Chamber Ensemble	1
MUSIC 47R	Chamber Orchestra	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
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TOTAL UNITS REQUIRED FOR DEGREE MAJOR 36-40

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

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 primary elements of tonal music, including staff notation in treble and bass clefs, rhythm and meter, basic properties of sound, intervals, diatonic scales and triads, and diatonic chords. Students will experience applying the skills learned to basic singing and keyboard playing. Suitable for both music majors and non-majors who have no previous experience in reading or playing music notation.

Limitations on Enrollment: Course not open for credit to students with credit in ECE-21

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. (L)

Co-requisite: MUSIC-1C

Advisory: MUSIC-41A Elementary Piano is highly recommended.

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 1A. 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 and minors. (L)

Prerequisite(s): MUSIC-1A; MUSIC-1C

Co-requisite: MUSIC-1D

Advisory: Concurrent enrollment in MUSIC-1E is highly recommended.

Limitations on Enrollment: Offered Spring semester only.

MUSIC-1C 1 UNIT**Musicianship I**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 125
9 LECTURE HOURS
27 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

Advisory: MUSIC-41A is highly recommended.

Limitations on Enrollment: Course offered Fall semester only.

MUSIC-1D 1 UNIT**Theory Musicianship II**

TRANSFERABLE TO CSU AND UC
C-ID: MUS 135
9 LECTURE HOURS
27 LAB HOURS

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory II through ear training, sight singing, Continuation of Music 1C. Required of all music majors and minors.

Prerequisite(s): MUSIC-1A; MUSIC-1C

Co-requisite: MUSIC-1B

Limitations on Enrollment: Course offered Spring semester only.

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.

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. (L)

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.

Prerequisite(s): MUSIC-2A; MUSIC-2C**Co-requisites:** MUSIC-2D**Limitations on Enrollment:** Course offered Spring semester only**MUSIC-2C** 1 UNIT

Musicianship III

TRANSFERABLE TO CSU AND UC
C-ID: MUS 145
9 LECTURE HOURS
27 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
27 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-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 by placement.**MUSIC-3** 3 UNITS

Music Appreciation

TRANSFERABLE TO CSU AND UC
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 musicians in the western world. (L) Grades are P/NP Option.

MUSIC-8A 3 UNITS

Music History I

TRANSFERABLE TO CSU AND UC
C-ID: MUS 105
54 LECTURE HOURS

This course is a survey of music history and literature from antiquity to 1750, including cultural, intellectual and social influences, and provides an in-depth examination of the development of Western European music through analysis and synthesizing of historical details and stylistic elements of the musical trends of the era. (L)

MUSIC-8B 3 UNITS

Music History II

TRANSFERABLE TO CSU AND UC
C-ID: MUS 106
54 LECTURE HOURS

This course is a survey of music history and literature from 1750 to the present, including cultural, intellectual and social influences. This course provides an in-depth examination of the development of Western European music through analysis and synthesizing of historical details and stylistic elements of the musical trends of the era. (L)

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, rock, and current trends. (L)

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, and the roles and functions of music in traditional and contemporary societies in various cultures throughout the world will be studied. (L) 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

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culture and popular music. Covers the roots of rock, emergence and early . 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. (L)

MUSIC-26R**3 UNITS**

Musical Theatre Workshop

TRANSFERABLE TO CSU
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.

Limitations on Enrollment: Not open for credit to students with credit in THART 26.

Entrance Requirements: Audition: Music 26R/THART 26R is an intensive course designed to prepare Music and Theater Arts majors for careers in acting, musical performance and/or performance production. In order to be fully successful in this course, students already possess knowledge of theater 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): Auditions required. (Students may enroll in the course but may be dropped depending on the result of 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.

Entrance Requirement(s): Auditions required. (Students may enroll in the course but may be dropped depending on the result of audition.)

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.

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 course from the MUSIC 1A-2E sequence is strongly recommended.

MUSIC-30CR**1 UNIT**

Applied Skills: Composition

TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS

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.

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-30DR**1 UNIT**

Applied Skills: Percussion

TRANSFERABLE TO CSU AND UC
C-ID: MUS 160
9 LECTURE HOURS
27 LAB HOURS

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 MUSIC 1A-2E sequence is highly recommended.

MUSIC-30ER**1 UNIT**

Applied Skills: Strings

TRANSFERABLE TO CSU AND UC
C-ID: MUS 160
9 LECTURE HOURS
27 LAB HOURS

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 MUSIC 1A-2E sequence is highly 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

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

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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**

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**

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-33R**1 UNIT****Chamber Singers****TRANSFERABLE TO CSU AND UC****C-ID: MUS 185****36 LECTURE HOURS****54 LAB HOURS**

This course is for the study, rehearsal, and public performance of literature appropriate to the chamber vocal ensemble, with an emphasis on the development of skills needed to perform within a chamber vocal ensemble. Different literature of sacred and/or secular music from various historical and cultural will be studied each semester. The course is repeatable for credit the maximum times allowable by regulation. Audition is required. Grades are P/NP Option.

Entrance Requirement(s): Audition required. (Students may enroll in the course but may be dropped subject to the audition result.)

MUSIC-34R**1 UNIT****Concert Choir****TRANSFERABLE TO CSU AND UC****9 LECTURE HOURS****27 LAB HOURS**

This course is for the study, rehearsal and public performance of the standard choral literature from various style periods and cultures, with an emphasis on the development of skills needed to perform within a large 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 audition.)

MUSIC-35**V1-2 UNITS****Beginning Guitar****TRANSFERABLE TO CSU AND UC****9 LECTURE HOURS****27 LAB HOURS**

Class instruction in basic guitar technique with an emphasis on melody, music reading, and ensemble performance. Students must furnish their own guitars. 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. Grades are P/NP Option.

Prerequisite(s): MUSIC-35 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. Grades are P/NP Option.

Prerequisite(s): MUSIC-36A

MUSIC-37A**1 UNIT****Indian Music Ensemble I****TRANSFERABLE TO CSU AND UC****9 LECTURE HOURS****27 LAB HOURS**

Students will receive hands-on musical instruction in North Indian music on instruments such as Tabla, Sitar, Harmonium, and/or vocals. Students are welcome to bring their own non-Indian instruments (e.g. guitar, violin, flute, etc.). No prior musical experience is necessary. This course will serve as an introduction to Indian music. Topics covered will include instrument maintenance, tuning, exercises, and basic theoretical concepts. Grades are P/NP Option.

MUSIC-37B**1 UNIT****Indian Music Ensemble II****TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS**

Students will receive hands-on musical instruction in North Indian music on instruments such as Tabla, Sitar, Harmonium, and/or vocals. Students are welcome to bring their own non-Indian instruments (e.g. guitar, violin, flute, etc.). Topics discussed will include the theory of Indian music, basic playing techniques, and methods for practicing. Students will hear live demonstrations of Indian music, as well as video clips of important musicians such as Ravi Shankar, Ali Akbar Khan, and others. Grades are P/NP Option.

Prerequisite(s): MUSIC-37A**MUSIC-37C****1 UNIT****Indian Music Ensemble III****TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS**

Students will receive hands-on musical instruction in North Indian music on instruments such as Tabla, Sitar, Harmonium, and/or vocals. Students are welcome to bring their own non-Indian instruments (e.g. guitar, violin, flute, etc.). An emphasis will be placed on understanding the aspects of Raga (melody) and Tala (rhythm cycles). Topics discussed will include the many types of traditional compositions as well as methods for improvisation. Grades are P/NP Option.

Prerequisite(s): MUSIC-37B**MUSIC-40A****1 UNIT****Elementary Voice I****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. Grades are P/NP Option.

MUSIC-40B**1 UNIT****Elementary Voice II****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 further develop these techniques and performance anxiety management as continuation from MUSIC 40A to gain more facility and awareness in performing art songs and musical theater type repertoire for each other in class. Grades are P/NP Option.

Prerequisite(s): MUSIC-40A or by placement.**MUSIC-40C****1 UNIT****Intermediate Voice I****TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS**

Group instruction in intermediate vocal techniques, including breathing, body alignment, phonation, resonance and articulation. The course will also cover music reading including solfege, efficient practice habits, evaluation of vocal problems, textual analysis and expressive interpretation. Students will apply their knowledge and skills gained in the class to learning and performing art songs including two in foreign

languages and musical theater type repertoire in front of an audience with increasing confidence, ease and aesthetic sensitivity. Grades are P/NP Option.

Prerequisite(s): MUSIC-40B or by placement.**MUSIC-41A****1 UNIT****Elementary Piano I****TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS**

This course is a continuation from MUS 41A in beginning piano skills. It includes basic finger techniques beyond five-finger patterns, pedal technique, sight reading, and solo repertoire as they are encountered in beginning piano music. An emphasis is on developing musical skills necessary for playing level-appropriate repertoire.

MUSIC-41B**1 UNIT****Elementary Piano II****TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS**

Elementary piano, covering the fundamentals of keyboard theory and technique, reading, solo and ensemble repertoire, and creative activities.

Prerequisite(s): MUSIC-41A or by placement.**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 year of concentrated piano study. Emphasis on technique, repertoire, and sight reading skills. This course prepares music major students to be better prepared for Music 31R Applied Skills in Piano. Grades are P/NP Option.

Prerequisite(s): MUSIC-41B or approval of the Instructor upon Audition. Students who have studied piano previously at high school or through private study, and are judged to have achieved the equivalent skill level may audition to enroll at this level without having taken the pre-requisite course.

MUSIC-42B**1 UNIT****Intermediate Piano II****TRANSFERABLE TO CSU AND UC
9 LECTURE HOURS
27 LAB HOURS**

Group piano class for students with at least three semesters or equivalent of concentrated piano study. Emphasis on technique, repertoire, and sight reading skills. This course prepares music majors to be better prepared for MUSIC 31R Applied

Prerequisite(s): MUSIC-42A or approval of the Instructor upon Audition. Students who have studied piano previously at high school or through private study, and are judged to have achieved the equivalent skill level may audition to enroll at this level without having taken the pre-requisite course.

MUSIC-43R**1 UNITS****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 symphonic band literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature will be studied each semester. 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).

MUSIC-44R**1 UNIT****Chamber 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 literature appropriate to the ensemble, with an emphasis on the development of skills needed to perform within a chamber 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).

MUSIC-47R**1 UNIT****Chamber Orchestra****TRANSFERABLE TO CSU****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 chamber orchestra, with an emphasis on the development of skills needed to perform within a large 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 if audition requirements are not met).

MUSIC-540**0 UNITS****Vocal Techniques****6 LECTURE HOURS****20 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-543**0 UNITS****Symphonic Band****15-18 LECTURE HOURS****50-54 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.)

MUSIC-547**0 UNITS****Chamber Orchestra****9 LECTURE HOURS****27 LAB HOURS**

This course is for the study, rehearsal, and public performance of literature appropriate to the chamber orchestra, with an emphasis on the development of skills needed to perform within a large ensemble. 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).

Entrance Requirement(s): Ability to read music and play an orchestral instrument.

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, 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).

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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 41 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

CHORAL ENSEMBLE/PERFORMANCE:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- MUSIC 54R—Community Chorus

CONDUCTING:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- MUSIC 14A—Conducting I

GUITAR:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- MUSIC 35—Beginning Guitar
- MUSIC 36A—Intermediate Guitar
- MUSIC 36B—Intermediate Guitar

INSTRUMENTAL ENSEMBLE/ PERFORMANCE:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- MUSIC 28R—Community Jazz Ensemble
- MUSIC 37A—Indian Music Ensemble I
- MUSIC 37B—Indian Music Ensemble II
- MUSIC 37C—Indian Music Ensemble III
- MUSIC 43R—Symphonic Band
- MUSIC 44R—Instrumental Chamber Ensemble

MUSICAL THEATRE:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- MUSIC 26—Musical Theatre Workshop

PIANO:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- MUSIC 41A—Elementary Piano I
- MUSIC 41B—Elementary Piano II
- MUSIC 42A—Intermediate Piano I
- MUSIC 42B—Intermediate Piano II

VOICE:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

- MUSIC 32R—Applied Skills: Voice
- MUSIC 40A—Elementary Voice I
- MUSIC 40B—Elementary Voice II
- MUSIC 40C—Intermediate Voice I

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 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

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
ECOL 10	Environment-Concepts and Issues	3

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ECOL 11	Environment Lab.....	1
CWEE 44A	1st Semester General Work Experience.....	0.5-6

TOTAL UNITS REQUIRED FOR CERTIFICATE 16.5-22

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
ECOL 10	Environment-Concepts and Issues.....	3
GEOG 10	Introduction to Geographic Information Systems.....	3
GEOG 13	Introduction to Web GIS Applications.....	3
NTRSC 12	Study Design and Field Methods.....	3
PLSCI 22	Introduction To Soils.....	3
ECOL 11	Environment Lab.....	1
CWEE 44A	1st Semester General Work Experience.....	0.5-6

TOTAL UNITS REQUIRED FOR CERTIFICATE 16.5-22

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 course is an interdisciplinary, field based, regionally specific study of selected topics in the physical environment, natural resources, and ecology. It addresses the core knowledge and skills in study design and methods important to the field of natural resources. It covers basic statistical approaches and sampling designs and introduces a variety of sampling and monitoring protocols and techniques. Field labs provide practice with a variety of hands-on methods for land survey, aquatic studies, soil and vegetation assessments as well as the study of vertebrates and invertebrates. Specific portions of the course focus on (1) survey skills including distance and direction measurement, topographic map reading, and Geographic Information Systems (GIS); (2) woody and herbaceous vegetation sampling strategies such as transect and quadrat, and habitat assessment; (3) methods used in terrestrial vertebrate wildlife studies, such as radio telemetry, remote cameras, and live trapping; and (4) techniques specific to aquatic ecology and water quality measurements. It also includes applications of GIS and Global Positioning Systems (GPS). Field trips may be required. Grades are P/NP Option.

Co-requisites): ECOL 10

Prerequisite(s): GEOG 13

Nursing

NURSING (ADN)

General Information: Yuba College offers an Associate Degree Nursing program leading to licensure as an Registered Nurse (RN). A career ladder program for LVN's wishing to advance to the RN level is also available. All students are advised to check the Yuba College Website for nursing (nursing.yccd.edu) often for new information relative to application and admission. Graduates after passing the National Council of State Boards of Nursing Licensing Examination will have a variety of employment opportunities.

ADN Admission Requirements:

Costs: In addition to the expenses of regularly enrolled students (living costs, activity fees, books, tuition, etc.), Nursing students have the additional expenses of uniforms, licensing, health examination, drug testing, criminal background check, and others expenses. Nursing students are eligible for grants and loans available to any Yuba College student meeting the financial aid criteria. Upon completion of the Program, the graduate, unless otherwise disqualified by the licensing board, is eligible to take the National Council of State Boards of Nursing Licensing Examination.

Drug Policy: All students enrolled in nursing and allied health programs are subject to the department drug policy and procedure which can be found in the Student Handbook located on the Yuba College Website for nursing (nursing.yccd.edu).

Criminal Background Checks: All clinical agencies used in the

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nursing programs require criminal background screening. Applicants who are found to have certain violations that preclude clinical placement will have the offer of admission rescinded. Costs associated with the background screening is the responsibility of the applicant.

Pre-Admission Testing: Prior to admission, all applicants are required to complete a pre-admission assessment exam (TEAS). Preadmission testing is required for all students.

PREREQUISITE COURSEWORK:

	Units
Biology (minimum cumulative 2.50 GPA required):	
BIOL 4 Human Anatomy	4
BIOL 5 Human Physiology	4
BIOL 6 Microbiology	4

Pharmacology and Pathophysiology (minimum 2.50 cumulative GPA required):

NURS 26 Pharmacology	3
NURS 36 Pathophysiology	4

Additional Prerequisites

ENGL 1A College Composition and Reading	4
STAT 1 Introduction to Statistics	4
CHEM 2A Introductory Chemistry	5
HLTH 10 Principles of Nutrition	3
PSYCH 1A General Psychology	3
SOCIL 1 Introduction to Sociology OR	3
ANTHR 2 Cultural Anthropology	3
SPECH 1 Public Speaking OR	3
SPECH 6 Group Communication	3
Humanities GE	3

Some ADN prerequisite courses have their own prerequisites. Please refer to the current course description for additional information.

Enrollment Eligibility: To be eligible for enrollment in the program, the student must meet the following criteria:

- The program uses a multi-criteria enrollment process based on the California Community College Chancellor's Office admission formula to evaluate and admit applicants. See our website nursing.yccd.edu for more details. Students must reapply each semester. There is no waiting list.
- Successful completion with "C" grade or higher of the course prerequisites.
- Achieve a score of >62% on the latest Test of Essential Academic Skills (TEAS), developed by Assessment Technologies Institute (ATI).

Enrollment Process: Eligible students are selected for the program according to the following steps:

- Meet all eligibility requirements and complete our online application. Visit the nursing website: nursing.yccd.edu for more information.
- Applicants will be admitted on a space-available basis using the multi-criteria screening process. Admitted students must complete a Yuba College application and complete the college entry requirements.

Students who complete this program should be able to:

- Communicate and collaborate with interdisciplinary health care partners in providing care to diverse population of patients and families.
- Demonstrate problem solving skills while utilizing resources to apply best practices to deliver safe and effective care.
- Demonstrate understanding of and apply evidence based practice in rendering ethical, competent and culturally sensitive care across the lifespan to all patients.

REQUIRED COURSES:

First Semester	Units
NURS 1 Fundamentals of Medical Surgical	9

Second Semester	Units
NURS 2 Introduction Medical Surgical Nursing	7
NURS 22 Obstetrical Nursing	3.5

Third Semester	Units
NURS 3 Intermediate Medical Surgical Nursing	5
NURS 21 Pediatric Nursing	3.5

Fourth Semester	Units
NURS 4 Advanced Medical Surgical Nursing	6.5
NURS 33 Psychiatric/Mental Health Nursing	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR **38.5**

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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. Nursing students are waived the multicultural graduation requirement and the health requirement. Please see your counselor for additional information.

LVN TO RN CAREER MOBILITY PROGRAM

ASSOCIATE IN SCIENCE

General Information: This degree is designed for the California Licensed Vocational Nurse (LVN) who is admitted for advanced placement into the Registered Nursing (Associate Degree) Program. The graduate of the Associate Degree Nursing program demonstrates entry-level competencies and meets the educational requirements necessary to take the National Council Licensure Examination (NCLEX-RN) to become licensed as a Registered Nurse and eligible for employment.

LVN to RN Admission Requirements:

Costs: In addition to the expenses of regularly enrolled students (living costs, activity fees, books, tuition, etc.), Nursing students have the additional expenses of uniforms, licensing, health examination, drug testing, criminal background check, and others expenses. Nursing students are eligible for grants and loans available to any Yuba College student meeting the financial aid criteria. Upon completion of the Program, the graduate, unless otherwise disqualified by the licensing board, is eligible to take the National Council of State Boards of Nursing Licensing Examination.

Drug Policy: Students enrolled in nursing and allied health programs are subject to the department drug policy and procedure which can be found in the Student Handbook located on the Yuba College Website for nursing (nursing.yccd.edu).

Criminal Background Checks: Clinical agencies used in the nursing programs require criminal background screening. Applicants who are found to have certain violations that preclude clinical placement will have the offer of admission rescinded. Costs associated with the background screening is the responsibility of the applicant.

Pre-Admission Testing: Prior to admission, all applicants are required to complete a pre-admission assessment exam (TEAS). Preadmission testing is required for all students.

Prerequisite Coursework:

Biology/English/Pathophysiology (minimum cumulative 2.50 GPA required):	Units
BIOL 4 Human Anatomy	4
BIOL 5 Human Physiology	4
BIOL 6 Microbiology	4
ENGL 1A College Composition and Reading	4

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NURS 36	Pathophysiology	4
Additional Prerequisites:		
NURS 37	LVN to RN Bridge Course	2
CHEM 2A	Introductory Chemistry	5
HLTH 10	Principles of Nutrition	3
Humanities GE	3
PSYCH 1A	General Psychology	3
SOCIL 1	Introduction to Sociology OR	3
ANTHR 2	Cultural Anthropology	3
SPECH 1	Public Speaking OR	3
SPECH 6	Group Communication	3
STAT 1	Introduction to Statistics	4

Some ADN prerequisite courses have their own Prerequisites. Please refer to the current course description for additional information.

Enrollment Eligibility: To be eligible for enrollment in the program, the student must meet the following criteria:

- The program uses a multi-criteria enrollment process based on the California Community College Chancellor's Office admission formula to evaluate and admit applicants. See our website nursing.yccd.edu for more details. Students must reapply each semester. There is no waiting list.
- Current California Vocational Nurse License. Recent V.N. graduates must submit proof of licensure prior to completing application.
- Graduation from an accredited vocational school of nursing or demonstrated mastery of course content by Challenge Examination.
- Have a Certification of completion for Intravenous Therapy
- Successful completion with a "C" grade or higher of the course prerequisites. (Note: There is no recency requirement for prerequisites.)
- Achieve a score of >62% on the latest Test of Essential Academic Skills (TEAS), developed by Assessment Technologies Institute (ATI).

Enrollment Process:

Eligible students are selected for the program according to the following steps:

- Meet all eligibility requirements and apply to the program. Visit the nursing website nursing.yccd.edu for more information.
- Applicants will be admitted on a space-available basis. Admitted student must complete a Yuba College application and complete the college entry requirements.

Students who complete this program should be able to:

- Demonstrate application of evidence based practice in rendering ethical, competent and culturally sensitive care across the lifespan to all patients.
- Demonstrate problem solving skills while utilizing resources to apply best practices to deliver safe and effective care.
- Communicate and collaborate with interdisciplinary health care partners in providing care to diverse population of patients and families.

PROGRAM REQUIREMENTS

REQUIRED COURSES

UNITS

First Semester:

NURS 3	Intermediate Medical Surgical Nursing	5
NURS 21	Pediatric Nursing.....	3.5

Second Semester:

NURS 4	Advanced Medical Surgical Nursing	6.5
NURS 33	Psychiatric/Mental Health Nursing	4

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 19

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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. Nursing majors are waived the multicultural graduation requirement and the health requirement. Please see your counselor for additional information.

OPTION 2: LVN TO RN ONLY (30-UNIT OPTION)

CERTIFICATE OF ACHIEVEMENT

Option 2 meets California State Regulation 1429, and those completing this track are eligible to apply for the National Council of State Boards of Nursing Licensing Examination in preparation for licensure as a Registered Nurse. This is a non-degree option. States other than California may not grant Registered Nurse (RN) licensure based on completion of this option. Career laddering to a higher level such as Bachelor of Science in Nursing may be limited by this option as well. It is recommended the applicant call the Nursing Department for more information. Students who qualify will be admitted each semester on a space available basis.

Admission Criteria:

- All applications are obtained and filed with the Nursing Office at the Yuba College main campus in Marysville. Applicants will be admitted on a space-available basis points in multi-criteria screening process and by date of receipt of completed application packet. Contact the Nursing Office for admission procedures, information.
- Eligibility–Minimum qualifications for admission to this track are:
 - Current California Vocational Nurse License. Recent V.N. graduates must submit proof of licensure prior to completing application.
 - Graduation from an accredited vocational school of nursing or demonstrated mastery of course content by Challenge Examination.
 - IV Certified
 - Completion of the following courses with an overall averaged GPA of 2.5 or higher in the following courses: BIOL 5 Human Physiology, BIOL 6 Introductory Microbiology; NURS 36 Pathophysiology
 - Completion of the following individual courses with a "C" or higher: BIOL 5 Human Physiology, BIOL 6 Introductory Microbiology; NURS 36 Pathophysiology

Students who complete this program should be able to:

- Communicate and collaborate with interdisciplinary healthcare partners in providing care to a diverse population of patients and families.
- Demonstrate problem solving skills while utilizing resources to apply best practices to deliver safe and effective care.
- Demonstrate application of evidence based practice in rendering ethical, competent and culturally sensitive care across the lifespan to all patients.

PROGRAM REQUIREMENTS

Nursing Major Units (31 Required)

BIOL 5	Human Physiology	4
BIOL 6	Introductory Microbiology	4
NURS 3	Medical Surgical Nursing 3.....	5
NURS 4	Advanced Medical Surgical Nursing	6.5
NURS 21	Pediatric Nursing.....	3.5
NURS 33	Psychiatric/Mental Health Nursing	4

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NURS 36 Pathophysiology: Understanding Disease 4

TOTAL UNITS REQUIRED FOR CERTIFICATE 31**COURSES****NURS-1** 9 UNITS**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 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-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**
36 LECTURE 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. (L)

PHIL-2 3 UNITS**Ethics****TRANSFERABLE TO CSU AND UC**
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

A basic introduction to critical thinking skills emphasizing their application to everyday decision-making. 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. (L) Grades are P/NP Option.

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

PHYSC-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)

PHYSC-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 PHYSC 10B which may be taken concurrently. (L)

Co-requisite: PHYSC-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**PLANT SCIENCE****(See Agriculture)**

- Completion of 60 semester units or 90 quarter that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education; Breadth Requirements.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- 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.

Students who complete this program should be able to:

1. Distinguish major political theories and/or political concepts.
2. Analyze the opposing arguments of major political issues.
3. Identify social, political, and/or economic forces necessary to establish a certain political order.

REQUIRED COURSES**UNITS**

POLSC 1 Introduction To American Government..... 3

List A: Complete three courses from the following:

POLSC 2 Comparative Politics 3

POLSC 6 Political Philosophy 3

POLSC 7 International Relations 3

STAT 1 Introduction to Statistical Methods 4

List B: Complete two courses from the following including any course from List A not already used:

ECON 1A Elementary Economics-Macro 3

ECON 1B Elementary Economics-Micro 3

HIST 16B African-American History 3

POLSC 2 Comparative Politics (if not already used)..... 3

POLSC 3 California Politics 3

POLSC 6 Political Philosophy (if not already used)..... 3

POLSC 7 International Relations (if not already used)..... 3

SOCIL 5 Sociology of Race and Ethnicity 3

SOCIL 6 Sociology of Sex and Gender 3

STAT 1 Introduction To Statistical Methods (if not already used above) 4

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 CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

COURSES**POLSC-1** **3 UNITS****Introduction To American Government**

TRANSFERABLE TO CSU AND UC

C-ID: POLS 110

54 LECTURE HOURS

Covers the foundations, politics, and institutions of American government. Explores the foundations of American democracy, including political culture, the Constitution, civil liberties, and civil rights. Analyzes the influence and impact of media, political parties, elections, and interest groups. Examines political institutions such as the Congress, the Presidency, the courts, and the federal bureaucracy. State and local governments are included. (L) Grades are P/NP Option

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.

This degree will guarantee a student the admission to a California State University (but not necessarily to a specific campus or major).

To earn this AA-T degree, students must meet the following Associate Degree for Transfer requirements (pursuant to SB 1440 law):

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 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.

POLSC-8 **3 UNITS**

Introduction to Public Policy

TRANSFERABLE TO CSU
54 LECTURE HOURS

This course focuses on the intersection and real-world operation of Economics and Political Science. It provides a practical overview of the public policy process and its implications for government decision-making. It explores a number of concepts associated with policy analysis and aims to provide students with practical hands-on skills

that can be used in a variety of economic and social policy settings. Topics covered in this course include policy research, analysis, and writing; the legislative process; stakeholder consensus building; political lobbying; and ethics in policy-making. Grades are P/NP Option.

Limitations on Enrollment: Course not open for credit to students with credit in ECON 8.

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 648 theoretical hours of classroom education, correlated with 1006 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 practicum 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. Effectively participate in a therapeutic environment and communicate in a professional and respectful manner to both staff and clients.
2. Accurately perform and document basic nursing skills, basic physical and mental assessments and interventions while prioritizing patient care.
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	
PSYCT 50 Anatomy and Physiology	3
PSYCT 51 Human Development	3
PSYCT 52 Nursing Science A	2
Second Semester	
PSYCT 53 Developmental Disabilities A	5
PSYCT 54 Nursing Science B	5
HLTH 10 Principles of Nutrition.....	3
PSYCT 55 Pharmacology A.....	2
Summer	
PSYCT 56 Nursing Science C	6

(CONT'D FROM PREVIOUS PAGE)

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.....	2
PSYCT 62	Psychiatric Disorders B.....	4
PSYCT 63	Developmental Disabilities B.....	6

TOTAL UNITS REQUIRED FOR CERTIFICATE	54
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COURSES

PSYCT-50	3 UNITS
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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 or equivalent. (L)

PSYCT-51	3 UNITS
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Human Development**54 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. (L)

PSYCT-52	2 UNITS
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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. (L)

PSYCT-53	5 UNITS
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Developmental Disabilities A**54 LECTURE HOURS
108 LAB HOURS**

Introductory overview of the five developmental disability subtypes: mental retardation, 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.

Entrance Requirement(s): Successful completion of all first semester Psych Tech courses. 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
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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.

Entrance Requirement(s): Successful completion of all 1st semester classes in the Psych Tech program. Conform to clinical agency rules and regulations, such as passing a criminal background check and drug screen (specific regulations dependent on clinical site.)

PSYCT-55	2 UNITS
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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. (L,M)

PSYCT-56	6 UNITS
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Nursing Science C**54 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.

Entrance Requirement(s): Successful completion of all 1st and 2nd semester classes. Maintain a clear background and urine toxicology.

PSYCT-57	7 UNITS
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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.

Entrance Requirement(s): Successful completion of first semester, second semester, and summer PSYCT courses.

PSYCT-58	2 UNITS
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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. (L)

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.” (L)

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. (L,M)

Prerequisite(s): PSYCT-55

Entrance Requirement(s): Student must be able to accurately calculate medical dosages prior to taking class.

PSYCT-61 **2 UNITS**

Substance Abuse

36 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. (L)

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.

Entrance Requirement(s): Students must have successfully completed all previous semester classes in the Psych Tech program.

PSYCT-63 **6 UNITS**

Developmental Disabilities B

54 LECTURE HOURS
162 LAB HOURS

Provides an overview of the application of the behavioral science known as “behavior intervention” as it applies to the mentally retarded population. 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 based on (2) four week clinical rotations

Entrance Requirement(s): Successful completion of all previous semester courses in the Psychiatric Technician program.

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.

To earn this AA-T degree, students must meet the following Associate in Arts Degree for Transfer requirements (pursuant to SB 1440 law):

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- 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.

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 1A	General Psychology.....	3
PSYCH 7	Research Methods in Psychology	3
PSYCH 6	Introduction To Statistics in Social and Behavioral Science OR	4
STAT 1	Introduction To Statistical Methods	4

(CONT'D FROM PREVIOUS PAGE)

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 1B	Critical Thinking and Writing About Literature.....	3
ENGL 1C	Critical Thinking/Advanced Composition	3
PHIL 12	Critical Thinking	3

List C: Complete one course from the following:

COUNS 33	Personal and Social Adjustment.....	3
PSYCH 12	Human Sexuality.....	3
PSYCH 22	Social Psychology.....	3
PSYCH 33	Personal and Social Adjustment.....	3
PSYCH 41	Lifespan Development.....	3

PSYCH 22	Social Psychology	3
PSYCH 33	Personal and Social Adjustment OR	3
COUNS 33	Personal and Social Adjustment.....	3
PSYCH 41	Lifespan Development	3

Complete two courses from the following:

AJ 10	Introduction to Criminal Justice System OR	3
AJ 21	Narcotics and Drugs	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 OR	3

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 18

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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.

TOTAL UNITS REQUIRED FOR DEGREE MAJOR 20-21

Students earning an AA-T/AS-T degree must complete 60 semester units of coursework eligible for transfer to the CSU including the CSU GE-B or IGETC (CSU version), 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 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 1A	General Psychology.....	3
PSYCH 12	Human Sexuality and Sexual Behavior	3

Complete two courses from the following:

PSYCH 7	Research Methods in Psychology	3
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COURSES

PSYCH-1A 3 UNITS

General Psychology

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

Psychology is the scientific study of behavior and mental processes. 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.

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. This course is designed for Psychology students who plan to transfer to a UC/CSU and does NOT fulfill the mathematics competency for local graduation requirements.

Prerequisite(s): PSYCH-1A; MATH52

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.

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Prerequisite(s): PSYCH-1A; PSYCH-6 or STAT-1**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.

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.

Radiologic Technology

RADIOLOGIC TECHNOLOGY

ASSOCIATE IN SCIENCE

Upon successful completion of this program, the student will receive an Associates 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 66 units.

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 a Math 52 prerequisite
- ENGL 1A College Composition and Reading
- SPEECH 1 Public Speaking, SPEECH 7 Interpersonal - Communication, or SPEECH 8 Intercultural Communication
- One course from the local GE Area "A" Natural Science
- One course from the local GE Area "B" Social Science
- One course from the local GE Area "C" Humanities

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 met before acceptance into the program.

4. All immunizations are complete with documentation of immunity (or non-conversion status).

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.

*Courses must be completed with a grade of "C" or better before or during the indicated semester to progress in the program.

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REQUIRED COURSES	UNITS
First Spring Session	
RADT 55 Introduction to Radiologic Sciences	1
First Fall Semester	
RADT 1 Fund of Radiologic Science & Health Care	4
RADT 2 Radiation Physics and Equipment	4
RADT 3A Radiographic Procedures 1	3
RADT 6A Radiologic Technology Internship 1	5.5
Second Spring Semester	
RADT 3B Radiographic Procedures 2	3
RADT 4 Prin of Radiation: Biology-Protection	2
RADT 5 Principles Radiation Exposure and Equip	4
RADT 6B Radiologic Technology Internship 2	4.5
First Summer Semester	
RADT 6C	7
Second Fall Semester	
RADT 3C Radiographic Procedures 3	3
RADT 6D Radiologic Technology Internship 4	8
RADT 7 Advanced Radiographic Studies	1
RADT 8 Radiographic Pathology	2
Third Spring Semester	
RADT 3D Radiographic Procedures 4	2
RADT 6E Radiologic Technology Internship 5	8.5
RADT 9 Advanced Modalities	3
RADT 12 Radiologic Technology Board Review	1.5
TOTAL UNITS REQUIRED FOR DEGREE MAJOR	67

Students earning an AA/AS degree must complete a minimum of 18 units of General Education requirements, the multicultural graduation requirement, 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. Radiologic Technology majors are waived the multicultural graduation requirement and the health requirement. Please see your counselor for additional information.

COURSES

RADT-1 4 UNITS

Fund of Radiologic Science & Health Care

TRANSFERABLE TO CSU
72 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

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

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

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 3 UNITS

Radiographic Procedures 3

TRANSFERABLE TO CSU
54 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 2 UNITS

Radiographic Procedures 4
TRANSFERABLE TO CSU
36 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 2 UNITS

Prin of Radiation: Biology-Protection

TRANSFERABLE TO CSU
36 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.

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-5 4 UNITS

Principles Radiation Exposure and Equipment

TRANSFERABLE TO CSU
72 LECTURE HOURS

Knowledge of factors that govern and influence the production of the radiographic image; digital radiography image production and review, Picture archiving and communication systems, DICOM, HL7.

Entrance Requirement(s): Acceptance into Radiologic Technology Program.

RADT-6A **5.5 UNITS**

Radiologic Technology Internship 1

TRANSFERABLE TO CSU
300 LAB HOURS

Beginning radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructors. Basic development of skills in correlation with current radiologic practices. Rotation in various facilities. Grades are P/NP Only.

Entrance Requirement(s): Acceptance into the Radiologic Technology Program.

RADT-6B **4.5 UNITS**

Radiologic Technology Internship 2

TRANSFERABLE TO CSU
260 LAB HOURS

Beginning radiologic experience in clinical facilities under the supervision of the college instructor, staff technologists, and clinical instructors. Enhanced development of skills in correlation with current radiologic practices. Rotation in various facilities. 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 **1 UNIT**

Advanced Radiographic Studies

TRANSFERABLE TO CSU
18 LECTURE HOURS

Ethics and law in the radiologic sciences; advanced understanding of professionalism as related to a radiologic technologist.

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

Computed tomography basics, cross-sectional anatomy, and advanced modalities in the field of Radiologic Technology.

Entrance Requirement(s): Acceptance in Radiologic Technology Program.

RADT-12 **1.5 UNITS**

Radiologic Technology Board Review

TRANSFERABLE TO CSU
27 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

Introduction to the field of Radiologic Sciences and expectations of the program. Refresher course for program prerequisites. 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.

SIGN-3 **4 UNITS**

American Sign Language 3

TRANSFERABLE TO CSU AND UC
72 LECTURE HOURS

This is the third course in a series of four courses in the fundamentals of American Sign Language (ASL) used by the Deaf community. This course furthers students' study of vocabulary, syntax, classifiers and narrative form. The instructional activities are based on an immersion approach in which the students develop language competency in the 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-2

SIGN-61 **2 UNITS**

Fingerspelling and Numbers 1

36 LECTURE HOURS

This is the first of two courses in the fundamentals of fingerspelling and numbers as they are used in American Sign Language (ASL). The instructional activities are based on a practice approach, in which the students develop language competency ASL by finding parallels to those that exist in English. Emphasis is placed on both producing

and understanding ASL fingerspelling and number usage, rules and parameters. (C) Grades are P/NP Only.

Advisory: It is recommended that students co-enroll in ASL 1 or ASL 2.

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 18 units of General Education requirements, the multicultural graduation requirement, 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.

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.

Pursuant to SB 1440, the Associate in Arts for Transfer is intended for students who plan to complete a bachelor's degree in Sociology at a CSU campus. Students completing an AA-T degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that does accept the AA-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree. This degree may not be the best option for students

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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 consult with a counselor for more information on university admission and transfer requirements.

To earn this AA-T degree, students must meet the following requirements:

- Completion of the following major requirements with grades of C or better;
- Completion of a minimum of 60 CSU-transferable semester units with a grade point average of at least 2.0; and
- Certified completion of either the California State University General Education Breadth pattern (CSU GE) or the Intersegmental General Education Transfer Curriculum (IGETC).

Students who complete this program should be able to:

1. Understand that 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. Understand how America's social structure, culture, and governance differ from those of other comparable societies, and the world is gradually developing global structure, culture, and governance processes.
3. Understand the main ways - qualitative and quantitative - that social scientists 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
List A: Complete one course from the following:	
STAT 1 Introduction to Statistics	4
SOCIL 8 Social Science Research Methods.....	3
List B: Complete two courses from the following:	
SOCIL 10 Sociology of Marriage & Family.....	3
SOCIL 6 Sociology of Sex and Gender.....	3
SOCIL 5 Sociology of Race & Ethnicity.....	3
PSYCH 22 Social Psychology.....	3
List C: Complete one course from the following:	
Any course not already used from List B.....	3
SOCIL 3 Critical Thinking in Social Science	3
PSYCH 1A General Psychology.....	3
PSYCH 1B General Psychology: Individual and Social Processes.....	3
ECON 1A Elementary Economics - Macro	3
ECON 1B Elementary Economics - Micro.....	3
POLSC 1 Introduction to American Government	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 CSU GE-B or IGETC (CSU version), all courses in the major with "C" or better or "P" (pass) grades, and achieve a minimum transferable cumulative GPA of 2.0.

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) 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. (L) Grades are P/NP Option.

~~Limitations on Enrollment: Not open for credit to students with credit in ETHN 3.~~

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)

SOCIL-30 3 UNITS

Sociology of Aging

TRANSFERABLE TO CSU AND UC
54 LECTURE HOURS

A life course perspective on social, economic and psychological factors related to aging and the changing place of the aged in contemporary society. Topics include current controversies (e.g., "entitlement" programs), the social and cultural construction of the aged, social policies around aging, health and long-term care of the aged, employment and retirement issues, community social services, and social inequality. Service learning (i.e. volunteer work) may be a component of the course. (L)

Spanish

COURSES

SPAN-1 **4 UNITS**

Elementary Spanish Part 1

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
72 LECTURE HOURS

Introduction to the language and culture of the Spanish-speaking world. It includes the development of listening, speaking, reading, and writing in Spanish with an emphasis on the communicative skills, as well as the fundamentals of Spanish grammar. This course is equivalent to one year of high school Spanish. (L)

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 skills through listening, speaking, reading, and writing. This course introduces the present perfect, the conditional, the future and the subjunctive 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-3 **4 UNITS**

Intermediate Spanish Part 1

TRANSFERABLE TO CSU AND UC - UC UNIT LIMIT
72 LECTURE HOURS

First of two semesters of intermediate Spanish. This course provides intermediate level of communication skills through listening, speaking, reading, and writing in a cultural context with special emphasis on communication. (L)

Prerequisite(s): SPAN-2 or two years of high school Spanish or Placement exam: Students must score 70% or higher on a placement test administered by the Spanish Department.

SPAN-10 **3 UNITS**

Introduction to Spanish

TRANSFERABLE TO CSU
54 LECTURE HOURS

Study of elementary Spanish with an emphasis on proficiency. This course includes grammar, vocabulary, pronunciation and communication.

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.

Associate in Arts in Communication Studies for Transfer 2.0 requirements (as stated in SB1440 law) requires students to complete the following:

- a minimum of 18 semester in the major or area of emphasis as determined by the community college district.
- 60 semester CSU transferable units
- California State University General Education-Breadth (CSU GE-Breadth) pattern OR the CSU version of the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- Obtainment of a minimum grade point average (GPA) of 2.0.
- Earn a grade of "C" or better or "P" (Pass) in all courses required for the major or area of emphasis.

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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
SPECH 1	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
PSYCH 1A	General 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 CSU GE-B or IGETC (CSU version), 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
MCOMM 2	Introduction to Mass Communications.....	3
SPECH 1	Public Speaking	3
SPECH 2	Oral Interpretation of Literature	3
SPECH 6	Group Communication.....	3
SPECH 7	Interpersonal Communication	3
Complete two courses from the following:		
MCOMM 4	Beginning TV Studio Production	3
PHIL 12	Critical Thinking	3
PSYCH 1A	General 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 18 units of General Education requirements, the multicultural graduation requirement, 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.

COURSES

SPECH1 **3 UNITS**

Public Speaking

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

Theory and techniques of public speaking in democratic society. Discovery, development, and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches including informative and persuasive speeches. (L)

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

Focuses on critical thinking and rational decision-making with an emphasis on building and analyzing arguments. Rhetorical principles and strategies are studied to develop written and oral arguments. Includes gathering relevant and credible evidence for arguments, reading effectively, identifying logical fallacies, organization, supporting materials, reasoning, advocacy, study and delivery of effective arguments, active listening, and the use of questioning in critical thinking. Formal written and oral arguments will be delivered in front of a live audience. (L)

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 presentations to the instructor and classmates. (L)

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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 rhetorical perspectives in researching, reasoning, organizing, and reporting accurate information pertaining to interpersonal communication theories and applications. Formal class presentations are required in front of a live audience of faculty and students. (L)

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-1****4 UNITS****Introduction To Statistical Methods****TRANSFERABLE TO CSU AND UC****C-ID: MATH 100; SOCI 125****63 LECTURE HOURS****27 LAB HOURS**

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. 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. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education. Grades are P/NP Option.

Prerequisite(s): MATH-52 or a satisfactory score on the mathematics placement test possible for students to test into college level math/stat.

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

Theatre Arts

Classes with "R" can be taken a total of four times but are subject to Family of Classes restrictions on page 182.

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 of a variety of plays and musicals.

This degree will guarantee a student the admission to a California State University (but not necessarily to a specific campus or major).

To earn this AA-T degree, students must meet the following Associate Degree for Transfer requirements (pursuant to SB 1440 law):

- Completion of 60-semester units or 90 quarter that are eligible for transfer to the California State University.
- The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.
- A minimum of 18-semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- 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. 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

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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.

REQUIRED COURSES (9 UNITS REQUIRED) 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.....	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 CSU GE-B or IGETC (CSU version), 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:

- Effectively use language, written and oral, and non-verbal communication in performances, critiques, and technical collaboration to facilitate theatre productions and group projects.
- Apply research to the creative and professional process.
- Demonstrate understanding and application of skills related to theater arts in the following areas: performance, scenography, theatre production, and theatre studies
- 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.
- Analyze global issues, moral dilemmas, cultural competencies, and social systems as encountered through work in Theatre Arts.
- 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.....	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 18 units of General Education requirements, the multicultural graduation requirement, 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.

COURSES**THART-10 3 UNITS****Introduction To Theatre****TRANSFERABLE TO CSU AND UC****C-ID: THTR 111
54 LECTURE HOURS**

This course introduces students to theatre arts, including the production process, play writing, acting, directing, producing, design, criticism and the relations between theatre and society. Students survey different periods,, genres, and theatre practice through play reading, discussion, films, and viewing and critiquing live theatre performance to develop an understanding of theatre as a collaborative art form. Further, the course explores the relationship of theatre to various cultures, to TV and film, and to other arts and humanities. (L) 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**

This course prepares students to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance, such as memorization, stage movement, vocal production, diction, improvisational technique, characterization, scene study, and interpretation of text. Several monologues and scenes will be developed and presented in class.

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

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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-26 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 and with dean's approval may enter the class.

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, interpretation, auditioning, stage movement and character analysis. Participation in an actor showcase, one-act, 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****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**V1-3 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)**

This course provides instruction and supervised participation in theatre rehearsal and performance including acting, directing, design, and technical work, culminating in a theatre production. Plays will be selected from various periods.

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-32**3 UNITS****Film Studies: Focus On .****TRANSFERABLE TO CSU AND UC****54 LECTURE HOURS**

A study of a particular director/artist, genre, or national cinema. Students view and discuss full-length feature films; topic to be specified in class schedule. (L) Grades are P/NP Option.

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.

Limitations on Enrollment: Course not open for credit to students with credit in HUMAN-33 or ENGL-33.

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 1****TRANSFERABLE TO CSU AND UC****C-ID: THTR 171****36 LECTURE HOURS****54 LAB HOURS**

Practices, terminology, and organization of contemporary theatre technology; exercises in construction and implementation of all technical aspects of production (sets, lighting, sound, costumes, properties, stage management, make-up). Integrated with Yuba College theatre productions.

THART-45B**3 UNITS****Production and Technical Theatre I****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, makeup, properties, theatrical equipment and construction techniques through demonstration and laboratory experience. Information is applicable to all formal theatrical applications. The course will introduce best practices for, terminology, and organization of contemporary theatre technology. Students will participate in exercises in

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construction and implementation of all technical aspects of production (sets, lighting, sound, costumes, properties, stage management, make-up). Grades are P/NP Option.

THART-45C**3 UNITS**

Production and Technical Theatre II

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**

This course is designed to enrich the artistic expression and life quality of older adults through theatre. This course provides an opportunity for personal growth and development, group interaction, mental stimulation and physical activity through supervised participation in a college theatre production. Physical, mental, social and emotional well-being are stimulated through a variety of creative and expressive theatre activities related to rehearsal and live performance including acting, directing, design, and stagecraft. Acting roles require an audition or interview. 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 41 for details.)

THART 11A—Introduction to Acting

THART 11B—Introduction to Acting II

THART 12A—Intermediate Studies in Acting I

THART 12B—Intermediate Studies in Acting II

Musical Theatre: Production

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 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 41 for details.)

THART 29R—College Theatre

Musical Theatre:

Family of Classes

(No more than four classes can be attempted within each family of classes listed below. See page 41 for details.)

THART 45A—Stagecraft 1

THART 45B—Production and Technical Theatre I

THART 45C—Production and Technical Theatre II

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 Assistant 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 students have the additional requirements of uniforms, drug and background screening, stethoscope, name badge, and radiation monitoring equipment. Veterinary Technology Program student are eligible for financial aid available to any Yuba College student meeting expected income 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 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 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

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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 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 prerequisites are required:

1. 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.
2. 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).
3. 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 students meet with a counselor and create an educational 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
- 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 Veterinary Technology Program occurs each spring. A completed Veterinary Technology 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 Veterinary Technology 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, student 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 weekend 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 the 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.

NOTE: To progress through the Associate Degree in Veterinary Technology, all courses must be passed with a grade of "C" or better. The Health/Physical Education and Multi-Cultural graduation requirements are satisfied by completion of the Veterinary Technology Program.

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	Introduction to Veterinary Medical Math.....	2

Fourth Semester (fall)

VETT 5C	Veterinary Technology Internship C	2
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VETT 8	Large Animal Care and Nursing	3
VETT 9	Laboratory Animal Medicine	2
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 18 units of General Education requirements, the multicultural graduation requirement, 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. Veterinary Technology majors are waived the multicultural graduation requirement and the health 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 many 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.

Veterinary assistants are valuable members of the veterinary medical team. The veterinary assistant works under the supervision of the Registered Veterinary Technician and Veterinarian to deliver quality medical care to their animal patients. Upon completion of the Certificate, students will be able to apply principles of animal care, workplace safety, pharmacology, surgery, laboratory skills, imaging skills, and practice management to be effective team members in a veterinary practice setting. The convenient distance learning program is ideal for the working professional. It allows 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 student 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 blochry@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 competence in the 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
INTRN 45A	First Semester Internship	2

Complete one course 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 VT Program animals on a repeating basis throughout the semester. (L)

Entrance Requirement(s): Admission to the Veterinary Technology Program

VETT-2 3 UNITS

Veterinary Medical Nursing

TRANSFERABLE TO CSU
36 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. (L,M,C)

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. (L,C)

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. (L,M,C)

Prerequisite(s): VETT-4**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. (L)

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. Apply clinical application of anatomy and physiology, interpersonal skills and team building. (L,M,C)

Prerequisite(s): VETT-1; VETT-4; ~~VETT-16~~**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 Business Management

TRANSFERABLE TO CSU
54 LECTURE HOURS

Introduction for the first year Veterinary Technology student to veterinary practice management. Standard office procedures with an emphasis in client relations, education, practice management and computer skills. Ethics in veterinary medicine as well as state and federal regulations governing veterinary practices. (L,M)

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. (L,M,C)

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 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. (L,C)

VETT-12 2 UNITS

Intro 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. (L,M,C)

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. (L)

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. (L,M,C)

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. (L,M,C)

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, clinical pathology, and treatment of animals. Lectures demonstrate the importance of proper vocabulary usage in patient records. (L,C)

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. (L,C)

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. (L)

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 18 units of General Education requirements, the multicultural graduation requirement, 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.

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.

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 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

(CONT'D FROM PREVIOUS PAGE)

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. Students will receive instruction on designing, cutting, assembling, and welding. Students will learn sheet metal design and fabrication techniques utilizing manual and automated equipment. Grades are P/NP Option.

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

Emphasizes the development of minimum skill standards in welding. The SMAW (shielded metal arc welding), OFW(Oxy-Fuel Welding), and OFC Oxy-Fuel Cutting) processes are covered. The qualification and certification standards for entry level welders as established by the American Welding Society will be covered. Introduction to GMAW, GTAW, FCAW, Plasma Arc cutting and technologies in the welding industry. (L) Grades are P/NP Option.



YUBA COLLEGE

STAFF
FACULTY

8

Classified Professionals

DIANA ADAMS

Foster Care Education/ILP

ALEJANDRA BARNES

Administrative Secretary III to the Vice President of Student Services
A.S., Yuba College

TAMI BANTA

Administrative Secretary I
A.A. and A.S., Yuba College

ERIKA BERNAL

Child Development Assistant
A.S., Yuba College

SHARICE BONACHEA

Student Services Technician
B.A., CSU San Francisco

COURTNEY BOWIE

Student Engagement and Outreach Specialist
A.A., Butte College
B.A., CSU Chico

QUY BUI

Instructional Associate-Math
A.S., Yuba College; B.S., UC Davis

CINTHYA CANO RODRIGUEZ

Clerical Assistant
A.S., Woodland Community College

RUTH CATALAN

Campus Life Technician

DEVON COATS

Administrative Secretary I
B.A., UC Davis
M.A., Capella University

ROSA DE LA TORRE

Financial Aid Technician
A.S., Yuba College

SAMANTHA (RANDI) DELANEY

Transfer/Career/Veteran's Resource Technician
A.S.T., Yuba College

INDERJIT DEOL

Outreach and Recruitment Specialist

SONIA DIAZ

Financial Aid Technician
A.A., Yuba College

LINDA ELLIOTT

Cashier

ALYSSA EMERSON

Administrative Secretary I
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

RILEY HANG

Instructional Associate, College Success
A.S., A.S.-T, Sierra College
B.S., UC Davis

GLORIA GARCIA

Administrative Secretary I
A.S., Yuba College

CORINA GHERLE

Science Lab Technician - Biology

CORRINE GIL

Public Safety Administrative Specialist
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

IRMA GUZMAN

Fiscal Analyst
A.A., Yuba College

DARLA HAGERMAN

Instructional Associate-College Success
B.A., CSU Chico

MILENA HMELEVA

Piano Accompanist
M.M., Kyrgyz National Conservatory

GABRIELA IBARRA

Executive Assistant, Vice President of Instruction

ELIZABETH KEANE

Administrative Secretary II

AMBER KUYKENDALL

Veterinary Technology Specialist
A.S., Yuba College; B.S., CSU Chico

NICHOLE LIZARDO

Library and Learning Services Program Specialist
A.A., Yuba College
B.A., CSU Sacramento

GREGORY LOPIN
Athletic Trainer

KRYSTAL MADRID
Student Services Technician

ANI MALHAMI
Child Care Development Assistant

ROCHELLE MCCAULLEY
Foster Care Education/ILP

RENEE MCKENZIE
Child Development Site Supervisor
A.S., Yuba College

SHAWN MELTON
Alternate Media Technology Specialist
A.S., Yuba College
BSW, CSU Chico

JENNIFER MENDEZ LOPEZ
Clerical Assistant - Counseling
B.A., CSU Sac State

JULIE MILLER
Library/Media Specialist
B.A., CSU Sacramento

RON MOORE
Instructional Associate-College Success

BEAU MOOREHEAD
Athletic Equipment Manager
A.A., Merced College
B.A., San Francisco State
M.S., Jessup University

ELISA MURATALLA
Senior Student Services Technician

SANDRA NEWBECK
Child Care Development Assistant

APRIL NUNEZ
Library/Media Specialist

AFGHANI OBAIDI
Child Development Assistant
A.S., Yuba College

ROSA PACKARD
Administrative Secretary II

KRISTINA PAGE
College Instructional Support Specialist

AGUSTINA RAMIREZ
Child Development Assistant

TAMMY ROGERS
Child Development Instructional Specialist

MICHELLE ROSALES
EOPS/CARE Specialist
A.S., Yuba College
B.A., CSU Chico

MARIA RUIZ
Administrative Secretary II

MICHELLE SILLER
Secretary
A.S., Yuba College

AMANDA SMITH
Administrative Secretary II

SHELLY SMITH
Senior Student Services Technician
A.S., Yuba College

CAROLIE STONER
DSPS Program

JOSEPH STOTTMANN
Instructional Associate-Theatre
A.A., Yuba College

REBECCA STRICKLAND
Financial Aid Technical Analyst
A.S., Woodland Community College
B.S., CSU Chico

VIRGINIA VELASQUEZ
Child Development Instructional Specialist
A.S., Yuba College

DENISE VILLANUEVA
Senior Student Services Technician
A.S., Yuba College

ANITA WILKS
Basic Needs Specialist
A.A., Yuba College

ZULEMA ZERMENO
Executive Assistant to the President

Sutter County Center

MINERVA BARRON
Campus Operations Specialist I
A.A., Yuba College

STEPHANIE BONE
Instructional Associate, College Success
B.S., University of San Francisco

JUANA ENRIQUEZ
Campus Operations Specialist I

Academic Faculty and Administrators

MICHAEL BAGLEY

Dean, Science, Technology, Engineering and Math, Social Sciences
B.S., M.S., Ph.D., UC Davis; M.A. Texas A&M

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Counselor
B.A., CSU Sacramento; M.S., University of LaVerne

JOSEPH BAUER

Manufacturing
B.S., CSU Chico

ELILIANA BECERRA

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