Assessment Report

Yuba Community College District

YC - Physical Science, Geology & Geography Program Recommendations

Year of Review: 2013-2014

Type of Review: Self-Study (4-year review)

Executive Summary (Include a list of team members): The Geology, Earth Science, Geography, and Physical Science program has been in "maintenance" mode for the last three years without a contract FTEF. With the addition of 1.0 FTEF, we expect to see an increase in success, retention, and efficiency.

Program Description : At this time there are not any curriculum/program specific support services outside of those offered by the college. There has been a concentrated effort to develop appropriate tutors for all of the courses within the program. No formal evaluation has occurred of the success of the program support other than anecdotal follow-up with students who have received tutoring. As mentioned in previous program review, this program has been in considerable flux for the last few years as there has been no full-time faculty ownership. Institutional data is currently being investigated to look for emerging trends. More information will be provided in subsequent years.

Curriculum & SLO Assessment Summary : A transfer degree program for Geology was assessed and found to be a feasible at Yuba College. However, the usefulness of this program is still being considered in the context of student interest, and impacts to currently offered courses. Additional courses are being researched for more breadth in offerings. First on the list is a Laboratory course for Physical Geography which is a popular physical science course that currently lacks the laboratory component to satisfy the general education requirements. All of the courses taught have CORs but no effort has been made to asses their validity as this point. COR assessment is an important need moving forward. Their are no additional review of the teaching methodologies for this program outside of the Tenure faculty reviews. DE modality has been used in the past but is not currently part of the instruction for this program. Additional data will need to be collected to ensure the value/benefit of a DE program. The SLO's for the courses within this program have not been assessed yet, but have been identified as an area of improvement. Further development of SLO's is an imperative before they are assessed.

Industry Trends and Program Data Analysis : This program follows the institutional guidelines for demographic, diversity, and workforce needs. Institution data is used to asses and drive the direction and is still being studied for emerging needs, trends, and future action.

Future Goals and Program Direction: The principal goal in the immediate future is to better understand the needs of the program, and develop goals and recommendations based upon those needs. This year an effort will be made to make sure the program goals align with both Yuba College goals, and the Vision Statement.

Course Content and Statistical Analysis: See Report

Are you ready to submit your final program review?: No

Goal	Recommendations	Plan of Action & Budgetary Impact / Tasks	Status	Feedback & Follow-Up
YC Goal 5 - Develop Transfer Model Curriculum (TMC) and Creating the AA-T and AS-T degree for Geology. This is still being evaluated and the need will be decided upon in the near future.				

Goal	Recommendations	Plan of Action & Budgetary Impact / Tasks	Status	Feedback & Follow-Up

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YC Goal 2 - Re-establish an outreach (TV) course for this program.				

Goal	Recommendations	Plan of Action & Budgetary Impact / Tasks	Status	Feedback & Follow-Up
YCCD VS 3 - Assess the status of laboratory equipment and supplies to ensure appropriateness for the continued success and future development of the program.				

Goal	Recommendations	Plan of Action & Budgetary Impact / Tasks	Status	Feedback & Follow-Up
YC Goal 1 - Reevaluate program SLO for effectiveness and establish a method for SLO assesment				

Goal	Recommendations	Plan of Action & Budgetary Impact / Tasks	Status	Feedback & Follow-Up
YC Goal 9 - Evaluate the need for a student club or organization that supports the ES/GEOG program.				

Goal	Recommendations	Plan of Action & Budgetary Impact / Tasks	Status	Feedback & Follow-Up
YCCD VS 1 - Asses the effectiveness of current technology and electronic laboratory equipment. Make recommendations based on this assessment.				