



# Welcome to Program Review

Merritt College - 2019

GEOL - Instruction

Annual Program Update

## Program Overview

**Please verify the mission statement for your program. If your program has not created a mission statement, provide details on how your program supports and contributes to the College mission.**

The mission of Geology Program at Merritt College is to teach students about the evolution of the earth and foster in them an appreciation and understanding of the processes that created and has changed the Earth over time. Student mastery is demonstrated in their ability to think and write critically about the Earth in a capstone report.

### Program Total Faculty and/or Staff

#### Full Time

Teresa Williams

#### Part Time

**The Program Goals below are from your most recent Program Review or APU. If none are listed, please add your most recent program goals. Then, indicate the status of this goal, and which College and District goal your program goal aligns to. If your goal has been completed, please answer the follow up question regarding how you measured the achievement of this goal.**

(Assessment) Improve and enhance behavior modification activity sheet. This activity allows students to monitor their behavior and hold them accountable to behaviors they stated that would engage in during the course.

Status

In-Progress

If Completed, What evidence supports completion of this goal? How did you measure the achievement of this goal?

College Goal

Completion: Increase number of degrees and certificates by 20% over the next 5 years.

District Goal

Advance Student Access, Equity, and Success

(Program Improvement) Attend Department meeting for different programs and seek input on how to incorporate their curricula into Geography. Improve alignment of Geography with other courses.

Status

In-Progress

If Completed, What evidence supports completion of this goal? How did you measure the achievement of this goal?

College Goal

Completion: Increase number of degrees and certificates by 20% over the next 5 years.

District Goal

Advance Student Access, Equity, and Success

(Natural Hazard Report) Revised Natural Hazard Report Rubric, and provide sample paragraphs and basic computational analysis.

Status

In-Progress

If Completed, What evidence supports completion of this goal? How did you measure the achievement of this goal?

College Goal

Completion: Increase number of degrees and certificates by 20% over the next 5 years.

District Goal

Advance Student Access, Equity, and Success

(Interdisciplinary Studies) Speak with other geology faculty at different colleges about how they teach their geography students, and speak with Real Estate and Psychology faculty about how to incorporate their fields into Geology

Status

In-Progress

If Completed, What evidence supports completion of this goal? How did you measure the achievement of this goal?

College Goal

Completion: Increase number of degrees and certificates by 20% over the next 5 years.

District Goal

Advance Student Access, Equity, and Success

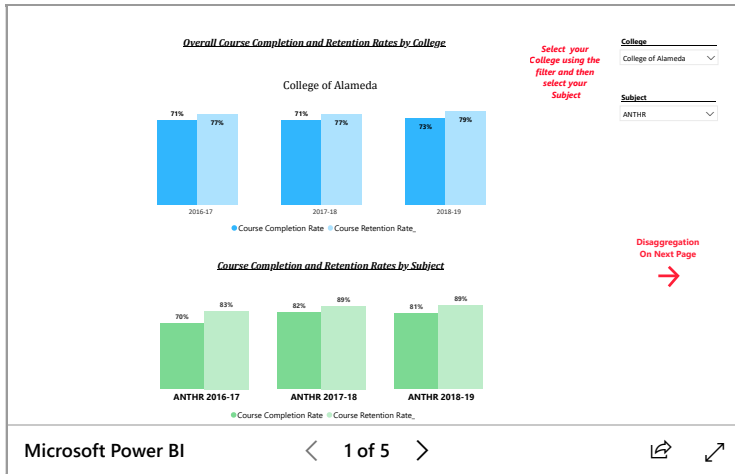
**Describe your current utilization of facilities, including labs and other space**

All land and classroom space ins used for lectures, demonstrations, and classroom activities.

## Program Update

**Semester End Enrollment/Usage Pattern**

Review your Semester End Enrollment by setting the filter to your college and subject



Using the dashboard, review and reflect upon the data for your program. Describe any significant changes and discuss what the changes mean to your program. Consider whether performance gaps exist for disproportionality impacted students. Focus upon the most recent year and/or the years since your last comprehensive program review. Cite data points from the dashboard to support your answer.

The Geology program has very similar course completion and retention rates as the college overall (around 69% and around 81%). In 18-19, males had a noticeably lower completion rate, but this is the direct opposite of what occurred in 17-18, so the change is likely just do to sampling variation. Over the past 2 years, students who identified as Black/African American or Hispanic/Latino have had noticeably lower completion rates. The gap was much smaller in the evening. The Physical Geology with Laboratory course has only been offered during TTH 12:30 to 13:45. Perhaps an evening class can be offered which will attract more students. Field Studies (Geol 21) is only offered on Sat every three years. Perhaps the course can be offered on Sunday which will attract more students

Describe the department's progress on Student Learning Outcomes (SLOs) and/or Administrative Unit Outcomes (AUOs) since the last Program Review/APU. If your discipline offers a degree or certificate, please describe the department progress on Program Learning Outcomes (PLOs).

The instructor assesses 100% of student learning outcomes every semester. The instructor uses a rubric attached to the Program Review. Sections of the report show how the SLOs are being assessed: data synthesis and analysis from a variety of sources, interdisciplinary studies, and describe and identify Earth materials. Both Geology courses are due to be assessed this year. There is a plan in place for the assessments for Geology 1 to be entered in Curricunet in Fall 19. Geology 21 will be entered in Spring 20.

Describe the outcomes and accomplishments from previous year's funded resource allocation request.

Brief description of funded request	Source (any additional award outside your base allocation)	Total Award Amount	Outcome/Accomplishment

In the boxes below, please add improvement actions and resource requests that are directly related to the questions answered in this section. If there are no improvement actions or resource requested in this area, leave blank.

Improvement Actions	Improvement Action

**Improvement Action**

Action Item	Description	To be completed By	Responsible Person
Resource Requests	Resource Requests		resource Requests

**Resource Request**

Supplies	Software	Estimated Cost
Description/Justification Photo editing, writing software, video editing		700

**Resource Request**

Supplies	Instructional Supplies and Materials	Estimated Cost
Description/Justification White board markers, paper, notebooks, pens, pencils, whit board eraser, rock and mineral kits, maps		300

**Resource Request Summary**

- Total Cost: \$1000
- Total Resource Request: 2
- Program Update**
- Personnel**  
No Resources found for this category
- Professional Development**  
No Resources found for this category
- Technology and Equipment**  
No Resources found for this category

**Supplies**

Type	Description/Justification	Estimated Cost
Software	Photo editing, writing software, video editing	700
Instructional Supplies and Materials	White board markers, paper, notebooks, pens, pencils, whit board eraser, rock and mineral kits, maps	300

**Sub-Total: \$1000**

Facilities

No Resources found for this category

Library

No Resources found for this category

Other

No Resources found for this category

## Sign and Submit

**Please provide the list of members who participated in completing this program review.**

Rebecca Uhlman  
Dan Lawson  
Teresa Williams

**Please enter the name of the person submitting this program review.**

Rebecca Uhlman