

Q21. Welcome to COA's new, online portal for completing your **Annual Program Update (APU)**. Your work will be saved at the end of each section. If you partially complete a section, *that* section's responses will not be saved. Prior sections will be saved, should you need to stop and leave the portal for a period of time and then come back to it. If you have any questions about the portal during the process, please email Interim Dean Karen Engel at kengel@peralta.edu or call or text her cell phone at (510) 381-5292. For questions about your program or the process, please contact your instructional dean or service area or administrative unit vice president. Thank you!

Q1. Please select the discipline, department or program:

 

Q102. Please select the Program Type:

- Instructional
- Student Services
- Administrative Services

Q2. Please provide the name of the person(s) completing this Program Review:

Peter Olds

Q103. The mission of College of Alameda is to serve the educational needs of its diverse community by providing comprehensive and flexible programs and resources that empower students to achieve their goals.

Q3. Please provide the mission statement for your program:

Geology addresses rocks, volcanoes, glaciers, landslides, earthquakes, etc. all in the context of the relatively new theory of plate tectonics describing how the Earth works. The geology of California is special since we live on the active San Andreas transform plate boundary (hence the earthquakes) which evolved from the previously existing subduction zone plate boundary (responsible for the California Coast Ranges and the Sierra Nevada). Our mission includes

- 1) Preparing students for transfer and careers in the Earth Sciences.
- 2) Stimulating public curiosity about how the Earth works (earthquakes, volcanoes, tsunamis, hurricanes etc.) and why California is such an interesting place.
- 3) Providing research opportunities that aren't available anywhere else.

We aim to create a serious earth science program where courses with labs and field trips satisfy lab science requirements for transfer. A higher level physical geology course (with required labs and field trips) and various courses emphasizing mineralogy, petrology, geochemistry, geophysics, field geology, mapping (GIS) and California geology are also in the works..

Q104. Please specify the **date** of your program's last Comprehensive Program Review (month and year):

Q105. Cut and paste the program goals and administrative unit outcomes (AUOs) from your program's most recent Program Review or AYO documents into the left-hand column. Then complete the remaining columns of the table below. Program Review Archives, PCCD and COA Strategic Goals can be found on [your program's APU home](#) page.

	PCCD goal advanced upon completion (#)	COA goal advanced upon completion (#)	Progress on goal or AUO attainment (specify: the date completed, revised, or ongoing)	Explanation or Comments (describe any revisions or impediments)
Assessment <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Curriculum (if applicable) <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Instruction (if applicable) <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Student Services and Student Equity <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Professional Development, Institutional and Professional Engagement, and Partnerships <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Program Improvement Objectives or AU Outcomes <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Program Improvement Objectives or AU Outcomes <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Q106. Please review and reflect upon the data for your program (see [Data Dashboards](#) on the left of the COA Program Review home page). Then describe any significant changes in the following items and discuss what the changes mean to your program. Focus on the most recent year and/or the years since your last comprehensive program review.

Q107. Using the [Enrollment Data Dashboard](#), review any changes in the student demographics of your students. Particularly consider changing number (or percentage) of student by age, gender, ethnicity, and special populations (foster youth, veterans, low income, students with disabilities). Comment on any changes.

Only Geology 10 is currently offered. Its students are typically very diverse.

Q108. Using the [Enrollment Data Dashboard](#), review and comment about any changes in enrollment by course.

Only Geology 10 is currently offered. Enrollment fluctuates between about 50 and 15.

Q109. Using the [Productivity Data Dashboard](#), review and comment on any changes in the productivity of your program and courses.

Productivity for the single Geology 10 course fluctuates between 16 and 10. The program is currently "undeveloped".

Q110. For Student Services units, consider and comment on any changes in the number of student contacts and the success rates of the students served.

Q111. Using the [Course Completion](#) and [Retention Data Dashboards](#), review and comment on any changes in the completion and retention rates of your program's courses.

Q112. Using the [Course Completion](#) and [Retention Data Dashboards](#), review and comment on any changes in the completion and retention rates of your program's **Distance Education or Hybrid** classes versus **face-to-face** (or lecture) classes. Use the DE filter. Set it to "NULL" to review only face-to-face classes.

Q113. Review and reflect on other program specific data or unplanned events that reflect significant changes in the program.

Q114. Using the [Equity Data Dashboards](#), please review the student success data for your program and comment upon it. Do performance gaps exist in the student success or achievement rates for disproportionately impacted students, including African-American, Hispanic/Latino, Filipinos/Pacific Islanders, foster youth, veterans, students with disabilities or other groups not listed here?

- Yes
- No

Q115. If differences exist, please detail the differences and describe the activities your program is making to address the differences. How will your program evaluate the effectiveness of these activities?

Since only Geology 10 is offered, the small sample size is insufficient to distinguish reliable differences based on ethnicity.

Q116. What curricular, pedagogical or other changes has your department made since the most recent program review?

Implementation of Google Earth exercises to give students a gut intuition for geologic time and plate tectonics.

Q117. Were these changes based on assessment of student learning outcomes at the course or program level?

- Yes
- No

Q118. Please identify the assessment used.

The question cannot display as the respondent

Q119. Please describe the basis for the change if assessment was not used (choose all that apply).

Title 5 requirements

Certification requirements

Other

Google Earth exercises are viewed as a free technology readily accessible to students. Also many good overlays exist (KML and KMZ files) for teaching plate boundaries, seafloor age, earthquake and volcano locations, etc.

Q120. Attach a summary depicting the program's progress on assessment of course and program level outcomes (SLOs and PLOs).

Q121. Please evaluate your program's progress on assessment. What are the plans for further assessments in the upcoming academic year? Please include a timeline and/or assessment plan for the future.

Q124. What does your program do to ensure that meaningful dialogue takes place in both shaping and assessing course and program level outcomes? Where can one find the evidence of the dialogue?

Q123. Describe your plans for improvement projects based upon the assessment results.

Q125. Attach evidence of these assessment results (the assessment report from [Taskstream](#), departmental meeting notes, or the assessment spreadsheet showing these results).

Q126. Is your program one of the below?

- CTE program
- Counseling Department
- Library Services
- Student Services or Administrative Unit
- None of the Above

Q128. For CTE Programs: Please describe any recommendations resulting from advisory committee meetings that have occurred since your last program review.

This question is not displayed to the respondent.

Q129. Is your CTE program working with a Deputy Sector Navigator?

This question is not displayed to the respondent.

Q130. Briefly describe your CTE programs' work with the Deputy Sector Navigator?

This question is not displayed to the respondent.

Q131. Is your CTE program currently participating in any grants? Please discuss your progress in meeting the stated goals in the grant(s).

The question answer displayed to the respondent

Q132. **For Counseling:** What has the counseling department done to improve course completion and retention rates? What is planned for the future?

The question answer displayed to the respondent

Q134. What is the counseling department planning to do to improve course completion and retention rates in the future?

The question answer displayed to the respondent

Q133. What has the counseling department done to improve SSSP counseling services? Please discuss your progress in improving SSSP counseling services.

The question answer displayed to the respondent

Q135. **For Library Services:** Please describe any changes in the library services, collections or instructional programs since the last program review or annual program update.

The question answer displayed to the respondent

Q136. Please fill in the information below re Library Services:

The question answer displayed to the respondent

Q137. **For Student Services or Administrative Units:** Briefly describe the results of any student satisfaction surveys or college surveys that included evaluation and/or input about the effectiveness of the services provided by your unit.

The question answer displayed to the respondent

Q138. How has this information informed unit planning and goal setting?

The question answer displayed to the respondent

Q139. Briefly describe any changes that have impacted the work of your unit.

The question answer displayed to the respondent

Q146. Please find the Prior-Year Resource Utilization Self-Evaluation Template in your [Program Review home page](#), review your expenditures for 2016-17 and complete the form. Upload it here when you are finished.

Q140. **Human Resources:** If you are requesting new or additional positions, in any job classification, please explain how new positions will contribute to increased student success:

	Already requested in recent program review?	Program goal (cut and paste from program review)	Connected to assessment results and plans?	Contribution to student success	Alignment with college goal (#)	Alignment with PCCD goal (letter)

Request 1:

Need a full time geology faculty member to teach *Geology 10* (introductory geology) and *Geology 1* (physical geology) with labs and field trips.

Yes					
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Request 2:

Need laboratory technician to maintain equipment and inventory. (Possibly shared with chemistry and physics.)

Yes					
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Other:

Need student assistants.

Yes					
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Q141. Technology and Equipment: Please explain how the new technology or equipment will contribute to increased student success:

Already requested in recent program review?	Program goal (cut and paste from program review)	Connected to assessment results and plans?	Contribution to student success	Alignment with college goal (#)	Alignment with PCCD goal (letter)
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Request 1:

Need to interface polarizing microscope with large computer display for teaching.

Yes					
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Request 2:

Need computers (with internet access and large LCD screens), student polarizing microscopes, analytical balances, rock/mineral collections, thin-section collections, mineral models and maps.

Yes					
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Other:

For field geology courses need Bruntons, rock hammers, hand lenses, field notebooks, and portable GPS devices (Garmin) for students.

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Q142. Facilities: How will this facilities request contribute to student success? Indicate whether and how facilities maintenance and repair affected your program in the past year with your request.

Already requested in recent program review?	Program goal (cut and paste from program review)	Connected to assessment results and plans?	Contribution to student success	Alignment with college goal (#)	Alignment with PCCD goal (letter)
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Request 1:

Need laboratory space equivalent to the D-109 chemistry lab including two sinks and locking cabinets (and/or a stock-room) for microscopes and rock collections. With sufficient planning, balance rooms and stock rooms might be shared with chemistry and/or physics.

Need cabinets for storage of maps, rocks, minerals, microscopes, etc.

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Request 2:

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Other:

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Q145. Professional Development or Other Requests: How will the professional development (PD) activity contribute to student success? What PD opportunities and contributions will your program make to the college in the future?

Already requested in recent program review?	Program goal (cut and paste from program review)	Connected to assessment results and plans?	Contribution to student success	Alignment with college goal (#)	Alignment with PCCD goal (letter)
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Request 1:

Funding for out of state conferences and field trips.

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Request 2:

Funding for GIS training for fellow faculty members.

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Other:

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Q144. Congratulations. You have completed your Annual Program Update for 2017-18. If you have completed each question in each section, you may close this tab. Your answers will be saved and submitted. Thank you!

Location: ([37.773498535156, -122.27880096436](#))

Source: *GeoIP* Estimation

