Section A - Enrollment and Demographics

Examine the enrollment and demographic data in Section A of the datasheet.

1. Is your program's enrollment increasing, decreasing, or remaining constant?
   Decreasing

2. Describe the reason(s) for the trend in your program's enrollment (600 characters max).

   Not as much of a drop off as the Campus as a whole and in 2015 we see a significant uptick in enrollment (despite weakness in all of our night courses!). This may be attributed to now, after 20 years having a full time instructor in Geology (since Fall 2014). The main dip was between the time of Luke Hall, a full-timer with a Minor in Geology and our new Full-timer (2 two year gap that may be seen in some of the classes that Luke taught). It is great to finally have a Full-time Geologist.

3. Are the demographics of students in your program similar to those of the College, as a whole?
   Yes

4. If no, please describe why they differ (600 characters max).

   For Ethnicity in recent years it has begun to trend almost exactly to the college numbers! For gender though males outnumber females almost at the inverse to the percentage that women outnumber males as VC students. While this 55/45 split may seem bad, 45% may actually be high numbers in this male dominated discipline and workforce. All of our Geology staff are women (1 FT and 2 PT). We think this may actually be helping out numbers. As our new full-timer gets more established we may see the numbers of women go up a bit.

5. Are you able to increase your program's enrollment and/or enroll more students from underrepresented groups?
   No

   If yes, please create an initiative in Section H that describes how your program will do this, and what resources, if any, are necessary to achieve it.

6. If no, please describe why your program is unable to do this. (600 characters max).

> We seem to do well with Ethnic diversity matching that of the campus, so no change is warranted. Also, as stated, we probably already exceed the proportion of females that would typically be engaged in this discipline. We think having a female FT instructor (in her second year) we may already begin to see an uptick in the female to male numbers.

Section B - Course Success Rate

Examine your program's course success rate data in Section B of the datasheet. To satisfy an accreditation requirement, the College has set a standard of 66.7% for the course success rate that all programs are expected to meet.

1. Was your program's course success rate in 2014 higher than the college standard of 66.7%?
   Yes
2. Was your program's course success rate in 2014 higher than the overall college success rate?
   No
3. Is your program's course success rate increasing, decreasing, or remaining constant?
   Increasing
4. Are there gaps between demographic groups (ethnicity, gender) in your program's course success rate?
   Yes
5. Briefly describe the reason(s) for the trend in your program's course success rate, and for any gaps between demographic groups (600 characters max).

> The recent increase in success rate may be due to hiring a FT Geologist , but that may not account for the increase. This is a challenging science course, so you'd expect the success rate to be a bit lower than the average, which it is, but not by much.
> There is a gap between Hispanic success (below campus average) and Whites (above campus average). It is possible Hispanic students are taking this course to try to fulfill a science requirement, but more of the whites are self-selecting into this class due to interest in the subject matter. More research into this could be undertaken.

6. Are you able to increase your program's course success rate and/or close gaps between demographic groups?
   Yes

   If yes, please create an initiative in Section H that describes how your program will do this, and what resources, if any, are necessary to achieve it.

7. If no, why not? (600 characters max)

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Section C - Productivity

Examine your program's productivity data in Section C of the datasheet. The college has set an overall productivity standard of 525.

1. Was your program's productivity in 2014 higher, lower, or equal to the overall college standard of 525?
   Higher
2. Is your program's productivity increasing, decreasing, or remaining constant?
   Decreasing
3. Is your program's course fill rate increasing, decreasing, or remaining constant?
   Decreasing
4. Briefly describe the reasons for the trends in your program's productivity and course fill rate (600 characters max).

Productivity was impacted by not having a FT Geologist and also due to low enrollment in one of the 7 Geology sections .

5. Are you able to increase your productivity and/or course fill rate?
   No

   If yes, please create an initiative in Section H that describes how your program will do this, and what resources, if any, are necessary to achieve it.

6. If no, why not? (600 characters max)

> I think our new FT instructor already in place is doing this.

Section D - Degrees and Certificates Awarded

1. Does your program offer a degree or certificate of achievement?
   Yes

   If yes, please examine the degree and certificate data on Section D of the datasheet and answer the questions below. If no, skip to Section E.

   To satisfy an accreditation requirement, the college has set a standard to award a minimum of 1,178 degrees and certificates each year.

2. Briefly describe the trend in the number of degrees and certificates that your program has awarded over the last five years (600 characters max).

> It is BRAND new. Will be offered in Fall 2016

   Programs that have awarded fewer than 15 degrees and certificates over the past five years may be placed on possible discontinuance.

3. Has your program awarded fewer than 15 total degrees and certificates over the past five years?
   Yes

4. If yes, please describe the reason(s) why your program has awarded fewer than 15 total degrees and certificates (600 characters max). Also please create an initiative in Section H that describes how your program will increase the number of degrees/certificates awarded, and what resources, if any, are necessary to achieve it.

Not running yet.

5. Are there gaps between demographic groups (ethnicity, gender) in your program's awarding of degrees and certificates?
   - Select -
6. If yes, please describe the reasons for any gaps between demographic groups (600 characters max).

7. Are you able to increase the number of degrees/certificates that your program awards each year and/or close any gaps between demographic groups?
   Yes

   If yes, please create an initiative in Section H that describes how your program will do this, and what resources, if any, are necessary to achieve it.

8. If no, why not? (600 characters max)

Section E - Student Learning Outcomes

1. Are there any courses your program offers that have never been assessed?
   - Select -
2. If yes, why haven't they been assessed? (600 characters max)

3. What percentage of your program's courses have assessed at least half of their SLO's?
   00.0%
4. Have you made any changes to courses based on the results of SLO assessment?
   - Select -
5. If yes, briefly describe the changes were made and the impact they had on student learning.
   (600 characters max).

6. How many courses have assessed SLO's, implemented a change, and then re-assessed the SLO's (i.e. "closed the loop")?
   000 Courses
7. How closely have you adhered to your SLO rotational plan?
   - Select -
8. Did anything impede your ability to adhere to your SLO rotational plan? (600 characters max)

9. How does your program facilitate the achievement of the college's institutional learning outcomes? (600 characters max)

10. How many department/program meetings have you held in the previous year in which SLO's have been discussed?
    00
11. Are you able to improve the student learning outcomes for your program (i.e. number of SLO's assessed, adherence to rotational plan, student SLO attainment, etc.)?
    - Select -

    If yes, please create an initiative in Section H that describes how your program will do this, and what resources, if any, are necessary to achieve it.

12. If no, why not? (600 characters max)

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Section F - Budget

1. Have there been any significant changes in your program's budget over the past 3 years?
   Yes

2. How have these changes impacted student learning? (600 characters max)

Our budget has become non-existant. We continue to be unfunded for basic supplies and equipment (no department budget, despite supposedly being "funded" more than once!)
We did receive one time field trip funds from the Foundation that gave students a key field experience and supposedly we have been funded on an annual basis to continue the field program, but this "funded" items from last years Program Review hasn't actually been funded to date.

Section G - Previous Year Initiatives

Program	Funding Category	Initiative ID	Initiative Title	Initiative Description	Cost	Grants/ Categorical	College Funds	Program Priority	Division Priority	Committee Priority	College Priority	Funded	Status	Outcome
Geology	Computer	GEOL1502	Sound Equipment in SCI-119	Currently the sound equipment in Room SCI 119 comprises of two little speakers run from the desktop computer. Volume adjustment is very limited and thus students in the rear of the room have difficulty hearing any audio.Currently the sound equipment in Room SCI 119 comprises of two little speakers run from the desktop computer. Volume	500		500	H	H	H	H	Yes	Pending	Funds have not materialized yet.

				adjustment is very limited and thus students in the rear of the room have difficulty hearing any audio.Currently the sound equipment in Room SCI 119 comprises of two little speakers run from the desktop computer. Volume adjustment is very limited and thus students in the rear of the room have difficulty hearing any audio.										
Geology	Computer	GEOL1505	3D Printer and Necessary Supplies	Rock/mineral samples are required to complete lab activities and to present during lecture. Many rock/mineral samples are	3,000		3,000	H	M	M	M	No	Ongoing	Almost funded through extra computer money.

								M	M	M	M	No	Ongoing	
				missing and force instructors to just show samples on the projector screen. This is not a pedagogically sound method of instructing geology.										
Geology	Computer	GEOL1503	Document Camera in SCI-113	Rock samples and maps would be able to be explored much more effectively with a Document Camera. Our Geology and Geography part-time faculty recommended this.	700		700	M	M	M	M	No	Ongoing	With shift to SCI 119 … high res camera freeing up the one in SCI 119 to go to SCI 113.
Geology	Computer	GEOL1507	Dual Projectors and Ceiling Mounts in Room SCI-119	Geology is a dynamic discipline that it is concerned with where things are located on the surface of	5,000		5,000	L	L	L	L	No	Ongoing	

								M	M	M	M	No	Ongoing	
				the Earth, why they are located where they are, and how places are similar and/or different. Having dual projectors allows for an instructor to illustrate or relate more than one geologic concept/topic at once.										
Geology	Equipment	GEOL1504	Set of Geologic Maps for SCI-119	Current geologic maps utilized by the department are either very outdated or in a poor state. Many of the maps have been used to the extent that the map information is no longer readable. Some have large tears due to decades of	1,500		1,500	M	M	M	M	No	Ongoing	

								M	M	M	M	Yes	Ongoing	
				use. Maps are essential to geologic instruction, and thus need to be accurate and in a good state.										
Geology	General Fund	GEOL1506	Addition of new/updated courses in to the schedule	The completion and soon to be approval of the AS-T Geology Degree will require additional sections of geology to be added to the schedule. Currently, courses have been updated and revamped that were formally on inactive status and should be added into the schedule per the two year plan developed by the geology program.	3,000		3,000	M	M	M	M	Yes	Ongoing	Not specifically funded, but need to offer new majors course is allowing de-facto increase. Want to make it permanent.

Section H – 2015-2016 Initiatives

Program	Initiative ID	Initiative Title	Initiative Description	Cost	Funding Source	Initiative Category	Educational Master Plan Goal	Expected Improvement	Program Priority	Division Priority	Committee Priority	College Priority
GEOLOGY	GEOL 1501 (was 1401)	Continually Funded Dept. Budget	Despite being granted a department budget in the last two PR cycles, in the end the funds have not been provided.	2500 annually	College Funds	General Fun	☒Goal 1 ☐Goal 2 ☒Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☒# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☒Close equity gaps	☐Req ☒High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low
GEOLOGY	GEOL 1502	Sound Equipment in SCI-119	Currently the sound equipment in Room SCI 119 comprises of two little speakers run from the desktop computer. Volume adjustment is very limited and thus students in the rear of the room have difficulty hearing any audio.	500	College Funds	Computer	☒Goal 1 ☐Goal 2 ☐Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☐# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☐Close equity gaps	☐Req ☒High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low

Program	Initiative ID	Initiative Title	Initiative Description	Cost	Funding Source	Initiative Category	Educational Master Plan Goal	Expected Improvement	Program Priority	Division Priority	Committee Priority	College Priority
GEOLOGY	GEOL 1503	High Res. Document Camera in SCI-119	Slight modification to 1503. Camera for SCI 119 with lower res one in SCI 119 going to SCI 113. Rock samples and maps would be able to be explored much more effectively with a high Res Document Camera.	700	College Funds	Computer	☒Goal 1 ☐Goal 2 ☐Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☐# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☐Close equity gaps	☐Req ☐High ☒Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low
GEOLOGY	GEOL 1504	Set of vital Geologic Maps for HIstorical Geology	Certain key maps are needed for teaching our new Historical Geology courses	750	College Funds	Equipment	☒Goal 1 ☐Goal 2 ☐Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☒# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☐Close equity gaps	☐Req ☒High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low

Program	Initiative ID	Initiative Title	Initiative Description	Cost	Funding Source	Initiative Category	Educational Master Plan Goal	Expected Improvement	Program Priority	Division Priority	Committee Priority	College Priority
GEOLOGY	GEOL 1505	3D Printer and Necessary Supplies	Rock/mineral samples are required for lecture and lab activities. Many samples are missing forcing instructors to just show samples on the projector screen. This is not a pedagogically sound method of instructing geology.	3000	College Funds	Computer	☒Goal 1 ☐Goal 2 ☒Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☒# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☒Close equity gaps	☐Req ☐High ☒Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low
GEOLOGY	GEOL 1506	Adding new/updated Geology courses in to the schedule	The new AS-T in Geology requires additional sections of geology in the schedule. New and previously inactive courses need to be taught. We have begun this, but need to make it "stick".	3000	College Funds	Faculty	☒Goal 1 ☐Goal 2 ☒Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☒# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☒Close equity gaps	☐Req ☒High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low

Program	Initiative ID	Initiative Title	Initiative Description	Cost	Funding Source	Initiative Category	Educational Master Plan Goal	Expected Improvement	Program Priority	Division Priority	Committee Priority	College Priority
GEOLOGY	GEOL 1507	Dual Projectors and Ceiling Mounts in Room SCI-119	As a highly visual discipline dual projection is a useful teaching strategy to show multiple visual and textual inputs.	2500	College Funds	Computer	☒Goal 1 ☐Goal 2 ☐Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☐# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☐Close equity gaps	☐Req ☐High ☐Med ☒Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low
GEOLOGY	GEOL 1608	Additional White Boards	Due to the placement of the media cabinet and projector screen, white board space is limited. To have a rolling board in front of 1/2 the existing boards would be very helpful.	$500-$3500	College Funds	Facilities	☒Goal 1 ☐Goal 2 ☐Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☒# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☒Close equity gaps	☐Req ☐High ☐Med ☒Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low

Program	Initiative ID	Initiative Title	Initiative Description	Cost	Funding Source	Initiative Category	Educational Master Plan Goal	Expected Improvement	Program Priority	Division Priority	Committee Priority	College Priority
GEOLOGY	GEOL 1609	Vital Minerals and Supplies for new Historical Geology courses	There are key mineral/rock samples and other supplies needed to run the new degree required Historical Geology lecture and lab courses.	750	College Funds	Equipment	☒Goal 1 ☐Goal 2 ☒Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☒# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☒Close equity gaps	☐Req ☒High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low
GEOLOGY	GEOL 1610	Missing Maps and Minerals	There are a number of mineral/rock samples and key maps that are either missing, degraded, or otherwise unavailable. Without a department budget for years we haven't been able to buy them	1000	College Funds	Equipment	☒Goal 1 ☐Goal 2 ☐Goal 3 ☐Goal 4 ☐Goal 5	☒Enrollment ☒# Under-represented students ☒Course Success Rate ☒Productivity/ Fill Rate ☒Degrees/ Certificates ☒Close equity gaps	☐Req ☐High ☐Med ☒Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low	☐Req ☐High ☐Med ☐Low

Educational Master Plan Goals

Goal 1: Continuously improve educational programs and services to meet student, community, and workforce development needs.

Goal 2: Provide students with information and access to diverse and comprehensive support services that lead to their success.

Goal 3: Partner with local and regional organizations to achieve mutual goals and strengthen the College, the community and the area's economic vitality.

Goal 4: Continuously enhance institutional operations and effectiveness.

Goal 5: Implement the Ventura College East Campus Educational Plan.

Section I – Process Assessment

How have the changes in the program review process this year worked for your area?

So far I am finding this a much better (streamlined) process.

How would you improve the program review process based on this experience?

Only trouble was switching back and forth from "protected" in order to add more table rows for initiatives and open text boxes, but then needing to get back to the formatted, protected status to complete other areas.

Appeals

After the program review process is complete, your program has the right to appeal the ranking of initiatives (i.e. initiatives that should have been ranked high but were not, initiatives that were ranked high but should not have been), the division's decision to support/not support program discontinuance, or the process (either within the department/program or the division) itself.

If you choose to appeal, please complete the Appeals form (Appendix E) that explains and supports your position. Forms are located at the Program Review VC website.

The appeal will be handled at the next higher level of the program review process.

Section I – Submission Verification

Preparer: Steve Palladino (Geosciences Dept. Chair)

Dates met (include email discussions):
Aug. 16, Sept. 24, Oct. 2, Oct. 6

List of Faculty who participated in the program Review Process:

Steve Palladino, Chloe Branciforte, Philip Clinton, Cindy Lampe, Karen Stahl, Pattie Ridenour, James Danza

Preparer Verification:

☒ I verify that this program document was completed in accordance with the program review process.

Dean Verification:

☐ I verify that I have reviewed this program review document and find it complete. *The dean may also provide comments (optional):*

APPEAL FORM

The program review appeals process is available to any faculty, staff, or administrator who feels strongly that the prioritization of initiatives (i.e. initiatives that were not ranked high but should have been, initiatives that were ranked high but should not have been), the decision to support or not support program discontinuance, or the process followed by the division should be reviewed by the College Planning Council.

Appeal submitted by: (name and program) _____

Date:_____

Category for appeal: _____ Faculty

                         _____ Personnel – Other

                         _____ Equipment- Computer

                         _____ Equipment – Other

                         _____ Facilities

                         _____ Operating Budget

                         _____ Program Discontinuance

                         _____ Other (Please specify)

Briefly explain the process that was used to prioritize the initiative(s) being appealed:

Briefly explain the rationale for asking that the prioritization of an initiative/resource request be changed:

Appeals will be heard by the College Planning Council. You will be notified of your time to present.