Program: Geography

Division: Math, Science, Engineering and Public Safety

Date: Oct. 15, 2017

Writer(s): Thomas Orf

SLO/SAO Point-Person: Thomas Orf

Audience: *Deans, Vice Presidents of Student Services and Academic Services, All Planning and Allocation Committees. This document will be available to the public.*

Uses: *This Program Review will be used to inform the campus and community about your program. It will also be used in the processes of creating Division Summaries, determining College Planning Priorities and allocating resources. A final use is to document fulfillment of accreditation requirements.*

Time Frame: *This Program Review should reflect on program status during the 2016-17 academic year. It should describe plans starting now and continuing through 2017-18. This document also provides the opportunity to describe more long-term plans (optional).*

Sections: *The first section of this Program Review focuses on general program reflection and planning. The second section is a review of curriculum. Only programs with curriculum need to complete Section 2. The third section is a CTE update, to be completed by CTE programs only.*

Topics: *A list of topics of particular interest to Program Review readers can be found here:* https://goo.gl/23jrxt

Help: Contact Karin Spirn: kspirn@laspositascollege.edu

Instructions:

1) *Please respond to each question as completely as possible.*

2) *If the requested information does not apply to your program, write "Not Applicable."*

3) *Optional: Meet with your dean to review this document before October 13.*

4) *Send an electronic copy of this form to Karin Spirn and your Dean by October 16*

Links:

Program Review Home Page: https://goo.gl/XATgjJ

Fall 2016 Program Review Updates : https://goo.gl/YV8QOt

Frequently Asked Questions: https://goo.gl/iIhRtt

A. Data Review: Describe any significant changes to your program's data since last year's Program Review Update (Fall 2016).

Possible sources of relevant information might include, but are not limited to, the following:

- Data generated by your program
- Data from the Office of Institutional Research (https://goo.gl/WuR9cQ)
- CEMC Data
- Labor Market Data
- SLO/SAO Data

No major changes are noted with any of the above data points.

B. Changes to Program and Needs: Describe any significant changes to your program or your program's needs since the previous Program Review Update (Fall 2016).

There are several major changes that has happened for geography that needs (or needed) to be address since the last program review. Some of these have been dealt with while others are on-going or need to be addressed.	Mark an X next to each area that is addressed in your response.

	Definitions of terms: https://goo.gl/23jrxt

	Community Partnerships/Outreach
	Curriculum*
	Enrollment Management
X	External Factors
X	Facilities,** Supplies and Equipment (Including Software)
X	Financial/Budgetary
X	Human Resources
	Learning Support
	LPC Planning Priorities https://goo.gl/LU99m1
	Pedagogy
	Professional Development
	Services to Students
	SLO/SAO Process
	Technology Use

1) Lab Assistant. – Geography currently has a lab assistant but this person is greatly lacking in geography knowledge and thus does not help the discipline.   One of the main reasons for that is that the lab assistant is more geared toward Physics and Astronomy and was thrown in for geography to round out a job description. That has hurt the discipline and one of two things needs to happen: 1) Eliminate the geography lab assistant for geography and have them totally support Physics / Astronomy in that it does more harm than good when the assistant is more for physics anyway; or 2) create a much better criteria where the person understands geography and spatial data in particular. In the short term, it might be best to not have a lab assistant until that can happen. Also, geography is more of a social science and not a science so it being in the science division may be part of the problem. Geography is related to physics just as much as ESL is related to Physics.

2) Funding is required for upkeep on the weather station. That has since been implemented. The funding must continue for the duration of the weather stations life.

3) Supplies are needed: 1) a new map set is front and

Right column footer notes:

*Curriculum will also be addressed in Part 2 (Curriculum Review).

**Facilities will also be

center but lab equipment always needs to be updated so an increase in geography's budget is needed. 4) Creation of a geography and GIS classroom in the new building is needed. Geography is growing so is going beyond its current space. 5) Geography needs to better market itself. There really is no marketing within the discipline.	addressed in Question H.

C. Reflection: What plans from the 2016 Program Review Update or any previous Program Reviews/Updates have been achieved and how?

Geography has maintained or reached the following goals.	Mark an X next to each area that is addressed in your response.	
	Definitions of terms: https://goo.gl/23jrxt	
1) Enrollment management – Geography has held it owns compared to other disciplines. Geography is right in line (via productivity) with other science and social science disciplines. Geography did not add other sections compared to other disciplines this past year but that was because geography did not have the numbers to grow without costing productivity.		Community Partnerships/Outreach
		Curriculum*
	X	Enrollment Management
		External Factors
2) Geography has a budget item now. It was at zero for a long time.		Facilities,** Supplies and Equipment (Including Software)
3) All classes now have SLOS and they are being evaluated at least once a year. First time ever geography can say they have 100 percent participation.	X	Financial/Budgetary
		Human Resources
		Learning Support
4) Geography's full time vs part time faculty ratio is good. No new full time positions is needed or projected in the future at this time.		LPC Planning Priorities https://goo.gl/LU99m1
		Pedagogy
		Professional Development
		Services to Students
	X	SLO/SAO Process
		Technology Use
	*Curriculum will also be addressed in Part 2 (Curriculum Review).	
	**Facilities will also be addressed in Question H.	

D. Impacts to Students (Optional): Discuss at least one example of how students have been impacted by the work of your program since the last Program Review Update (only if you did not already answer this in Questions A, B or C).

Geography continues to increase the number of students in the degree program. Also, I have heard from 3 people last	Mark an X next to each area that is addressed in your response.

year who moved on and finished degrees in geography and are doing well with themselves. This is occurring without much marketing within the discipline (see above).	Definitions of terms: https://goo.gl/23jrxt	
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	**Facilities will also be addressed in Question H.	

E. Obstacles: What obstacles has your program faced in achieving plans and goals?

1) See comment 1 listed under B above about the lab assistant. A better trained lab assistant or not having one is preferred over the current situation. 2) Financial - See comment 3 under B above about geography's budget. 3) A new classroom for geography and GIS is needed in the new building.	Mark an X next to each area that is addressed in your response.	
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		Community Partnerships/Outreach
		Curriculum*
		Enrollment Management
		External Factors
		Facilities,** Supplies and Equipment (Including Software)
	X	Financial/Budgetary
	X	Human Resources
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F. Short Term Planning: What are your most important plans (either new or continuing) for next year?

1) The lab assistant issue needs addressed. This may also mean geography may need to switch back to the social sciences. 2) Geography's budget needs to be increased If possible	Mark an X next to each area that is addressed in your response.
	Definitions of terms: https://goo.gl/23jrxt

		Community Partnerships/Outreach
		Curriculum*
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G. Long Term Planning (Optional): Please detail any long-term plans for the next 3-5 years. (Only if you have significant plans, such as implementation of a grant project, creation of long-term initiatives including those using restricted funds such as Equity or SSSP, construction and outfitting of a new building).

The main issue for geography long term is the classroom situation. A classroom that can house both the main	Mark an X next to each area that is addressed in your response.

geography classes and GIS would be optimal. Right now, we have to share with geology and since both of the disciplines have grown over the past decade, the current classroom and lab needs are not sufficient.	Definitions of terms: https://goo.gl/23jrxt

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H. Do you have any facilities needs that are currently unmet? If yes, please describe.

Yes, see comments above listed under B comment 4 and G

I. Mission: Explain how your program's plans and accomplishments support the mission of Las Positas College:

> *Las Positas College is an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.*

Geography provides transfer courses as well as an Associates Degree for students planning to transfer to a four year school. We also offer one technical course (GIS which is also a transfer course) that can help in that area as well.

J. Program-Set Standard (Instructional Programs Only): Did your program meet its program-set standard for successful course completion? _X___yes _____no

(This data can be found here: https://goo.gl/b59nCy)

If your program did not meet your program-set standard, discuss possible reasons and how this may affect program planning or resource requests.

N/A

K. SLO/SAO Reflection: Describe an example of how your program used course SLO data (CSLOs), Student Service Area Outcome (SAO) data or Program SLO data (PSLOs) from last year (2016-17) to impact student learning or achievement. <u>Focus on PSLOs or CSLOs where you have multiple semesters of data to analyze</u>. (Copy the box below if you would like to discuss multiple examples.)

Geography 2 – Cultural Geography
CSLO - Upon completion of GEOG 2, students will be able to explain the Demographic Transition Model
Students were shown the model and then we spent an entire period (not done in the past) examining different countries that fall in each stage of the model. Several weeks later, a quick non graded quiz was given to see if the information stayed and the results were very positive. Also, during the regular test, the responses to those questions increased by 22 percent over the given years (same questions were given)
Spending the time and letting students interact with the discussion paid off. We are redoing the experiment this semester and then will switch to others in the future to see is the same positive results could be used with other important cultural geography concepts.
This particular unit is now permanent within the discussion of the class due to the positive results.

L. Plans for Analysis of SLO/SAO Data: Identify the PSLOs, CSLOs, or SAOs that your program plans on focusing on the upcoming year with subsequent analysis. (Copy the box below as needed.)

Circle One:
CSLO　　PSLO　　SAO
Course, Program Name, or Student Service Area:
Geography 1 – Physical Geography
Text of CSLO/PSLO/SAO:
Upon completion of GEOG 1, students will be able to understand the global wind patterns and how they form
If you plan on analyzing a PSLO, identify the CSLOs that feed into the PSLO that will need to be assessed.
N/A

Section Two: Curriculum Review
(Programs with Courses Only)

The following questions ask you to review your program's curriculum. To see the last outline revision date and revision due date:

> **1. Log in to CurricUNET**
> **2. Select "Course Outline Report" under "Reports/Interfaces"**
> **3. Select the report as an Excel file or as HTML**

Curriculum Updates

A. Title V Updates: Are any of your courses requiring an update to stay within the 5 year cycle? List courses needing updates below.

Advanced GIS. It was decided to put the course in an inactive status for the moment.

B. Degree/Certificate Updates: Are any degrees/certificates requiring an update to do changes to courses (title, units) or addition/deactivation of courses? List needed changes below.

No changes.

C. DE Courses/Degrees/Certificates: Detail your department's plans, if any, for adding DE courses, degrees, and/or certificates. For new DE degrees and/or certificates (those offered completely online), please include a brief rationale as to why the degree/certificate will be offered online.

No changes at the moment but eventually GEOG 5 is going to go to DE.   That is not being planned by the next cycle, however.

Section Three: CTE Updates
(CTE Programs Only)

A. Labor Market Conditions: Examine your most recent labor market data. Does your program continue to meet a documented labor market demand? Does this program not represent unnecessary duplication of other training programs in the college's service area? (Please note: your labor market data should be current within two years. Contact Vicki Shipman or the current CTE Project Manager for access to data).

N/A

B. Advisory Boards: Has your program complied with advisory board recommendations? If not, please explain.

N/A

C. Strong Workforce Program Metrics: Utilizing LaunchBoard, review the Strong Workforce Program Metrics. Review the data and then answer the following questions.

(Contact Vicki Shipman or the current CTE Project Manager for help accessing the data).

C1. Does your program meet or exceed the regional and state medians **for increased enrollments, completions, and/or transfer since your last program review**? If not, what program improvements may be made to increase this metric?

N/A

C2. Does your program meet or exceed the regional and state medians **for students gaining employment in their field of study**? If not, what program improvements may be made to increase this metric?

N/A

C3. Does your program meet or exceed the regional and state medians **for student employment rates after leaving the college**? If not, what program improvements may be made to increase this metric?

N/A

C4. Does your program meet or exceed the regional and state medians **for increased student earnings and median change in earnings?** If not, what program improvements may be made to increase this metric?

N/A