Ohlone College
Program Review Report

- **Program Description and Scope:**
  - *Program Review Title:* Geography & Geographic Information Systems
  - *Academic year:* 2015/2016
  - *Review Type:* Instructional Disciplines
  - *Program/Departments:* Geography/Geographic Information Systems (22002, 22004)
  - *Authority Code:* 44-Dean, Science, Engineering, and Mathematics
  - *External Regulations:* Yes_ No X
  - *Provide a brief narrative that describes the instructional program/discipline:*

    We currently offer the following degrees and certificates:

    1. ADT in Geography

    2. Certificate of Accomplishment in Cultural Geography

    3. Certificate of Accomplishment in GIS

    4. Certificate of Accomplishment in Physical Geography

- **College Mission:**
  - *Mission Statement:*
    Ohlone College responds to the educational needs of our diverse community and economy by offering high quality instruction supporting basic skills, career development, university transfer, and personal enrichment and by awarding associate degrees and certificates to eligible students in an innovative, multicultural environment where successful learning and achievement are highly valued, supported, and continually assessed.
  - *Program Relation to College Mission:*
    - Careeer Entry (CTE)
    - University Transfer
  - *State Your Program Mission/Purpose:*

    Mission/Purpose

    Students will have received basic training in regional variations of the world, as well as human modification of the physical environment. Students will gain lab experience with map analysis, weather, and landform features, and will be educated in current theories of how different cultures use, abuse, or otherwise change the Earth. The program offers an excellent background for careers in

public policy, humanities, and environmental studies.

o *Briefly Describe Program Accomplishments:*

Accomplishments

We recently received approval for an ADT in Geography. We also created a new course, GEOG-106 Economic and Resource Geography. This course just received approval from the Chancellor's Office to meet CSU and IGETC transfer approval. Working in collaboration with Environmental Studies, Biology and Biotechnology, the Geography Department received funding for a new greenhouse and outdoor lab.

- **Achievement and Resource Data Analysis:**
  1. *Research Questions:*

- **Resource Assessment Summary:**

  1. *Academic Year:* 2014-15
  2. *Activity Center Fund 10 Budget Allocation:* $1.00
  3. *FTES:* Fall: 40 Spring: 31 Summer: 0
  4. *WSCH/FTEF:* Fall: 666 Spring: 638 Summer: 0
  5. *Course Sections Offered:* Fall: 8 Spring: 7 Summer: 0
  6. *Sections Taught FT Faculty:* Fall: 3 Spring: 3 Summer: 0
  7. *Sections Taught PT Faculty:* Fall: 5 Spring: 4 Summer: 0
- **Human Resources:**

  1. *# of FT Faculty:* 0
  2. *# of PT Faculty:* 3
  3. *# of Classified Staff:* 1
  4. *# of Administrators:* 1
  5. *% Faculty release/reassigned time:* 0%
  6. *Technology:*
     - Specialized Software
     - Technology Enhanced Instructional Equipment
     - Laptops
  7. *Physical Resources:*
     - General Classrooms
     - Specialized Labs
- **Program Analysis PSLOs - Student Learning:**
  (Key: I-Introduced, P-Practiced with Feedback, M-Demonstrated at the Mastery Level)

  1. *PSLO Matrix:*

Course	PSLO-1	PSLO-2	PSLO-3	PSLO-4
GEOG 101	P	I	P	I
GEOG 102	I	P	I	P
GEOG 104	I	P	I	P
GEOG 105	P	P	P	P
GEOG 106	I	P	I	P
GEOG 121	P	I	P	I

2. *Please Indicate the PSLO(s) which you are reporting on:*
   - Describe the patterns of settlement, urban and non-urban development, resourse use and economic growth across local, state, national and global levels.
   - Apply basic concepts of geography to an analysis of the atmosphere, lithosphere, hydrosphere and biosphere.
   - Understand and demonstrate basic skills in cartographic methods in the digital and analog envrionments.
   - Critique and analyze the distribution of the human population and the processes that shape this distribution.

3. *Analyze and summarize your assessment findings â?? What in the data jumped out?*

   We have created new PSLOs as a result of updating the Program Review for Geography. We created new PSLOs since we have added courses and a new degree since the last Program Review. These new PSLOs are more representative of all the course SLOs in the Geography Department now.

4. *Give examples of assessments used for your PSLO analysis:*

   With these new PSLOs, we will begin to collect data to assess these new PSLOs beginning FA15.

5. *Describe input from Program Advisory Committee (if applicable):*

   N/A

6. *Comments:*

   There is no capstone course in Geography so we do not feel that any individual course creates a level of mastery in any particular PSLO. When students complete a substantial portion of the curriculum, however, it is possible to achieve mastery in any of the PSLOs. Geography offers an ADT and those SLOs will be assessed as part of these PSLOs for the Geography Program.

- **Program Improvement Objectives**

    1. *Based on the program data analysis and PSLO analysis, identify your Program Improvement Objective(s): What are you going to do? Why are you going to do it?*

        Increase the use of new and more updated technologies into the program - maps, compasses, and other lab instruments, so our students have access and training on the latest technologies.

        Notes (optional): Please include any notes related to your PIO. (2500 Character limit)

        Geography is an ever evolving discipline and the supporting technology is changing as well.

        Program PIO will address the following:

        - Student Learning & Achievement
        - Course Completion
        - Success Rates

        How will you assess the effectiveness of your PIO:

        To establish a baseline for we will conduct pre- and post surveys of the students about their familiarity and skill levels in various technologies. Once data is accumulated, benchmarks will be established to compare changes in the pre and post surveys in future years.

        PIO Action Plan:
        How will you accomplish this?

        Surveys.

        What is your timeline?

        Ongoing.

        Who is going to do this?

Faculty of the department.

PIO Status:

- New

Closing the loop - Describe the results of your PIO implementation or completion:

Results are ongoing, they will need to be revisited next academic year.

Conclusion: Complete if PIO has been completed

Fiscal Resources Status:

- Possible funding source Instructional Equipment 2015-16 FY

PIO Resources:

- Resource: Instructional Equipment
  Description: Maps, compasses, atlases, plus other lab instruments.
  Est. Cost: $2,500.00

2. *Based on the program data analysis and PSLO analysis, identify your Program Improvement Objective(s): What are you going to do? Why are you going to do it?*

   Improve the success rates in Geography because they are falling below the College benchmarks for success.

   Notes (optional): Please include any notes related to your PIO. (2500 Character limit)

   We need to stabilize and grow back the program that used to be quite vibrant when we had a FT faculty member leading the department. During that time we had both healthy enrollments and good success rates.

Program PIO will address the following:

- Student Learning & Achievement
- Course Retention
- Course Completion
- Awareness of, and sensitivity to, diverse cultures and perspectives.
- Persistence
- Success Rates
- Increase Program Enrollments
- Increase Degrees/Certifications

How will you assess the effectiveness of your PIO:

Utilizing the data from the Research and Planning Office as well as DATAMART. We will also use the SLO data to monitor where students need more focus to improve success.

PIO Action Plan:
How will you accomplish this?

For enrollments, we do plan to ask for a FT faculty member in Geography as well as coordinate with Public Relations Officer and Counseling Department for marketing and outreach activities.

What is your timeline?

Oh-going.

Who is going to do this?

Narinder Bansal, Paul Belasky and Mike Holtzclaw

PIO Status:

- New

Closing the loop - Describe the results of your PIO implementation or completion:

Results are ongoing, they will need to be revisited next academic year.

Conclusion: Complete if PIO has been completed

Fiscal Resources Status:

- May need support for marketing and outreach.

PIO Resources:

3. *Based on the program data analysis and PSLO analysis, identify your Program Improvement Objective(s): What are you going to do? Why are you going to do it?*

Improve the quality of our Geography labs through the employment of a lab technician to support students and faculty in order to ensure a quality learning environment.

Notes (optional): Please include any notes related to your PIO. (2500 Character limit)

The efficiency of our program can significantly increase with the addition of a lab tech to help prepare and manage lab resources.

Program PIO will address the following:

- Student Learning & Achievement
- Course Retention
- Persistence
- Success Rates
- Increase Program Enrollments
- Increase Degrees/Certifications
- Service Impacts

How will you assess the effectiveness of your PIO:

Department resources will be more efficiently managed, monitored, and procured. The Dean will survey students and faculty on the effectiveness of a lab tech in supporting a quality program. SLO data will also be used to determine impact of a lab tech on student success.

PIO Action Plan:
How will you accomplish this?

By requesting the additional support staff as part of this PIO.

What is your timeline?

2018-19

Who is going to do this?

Departments of Anthropology, Geography and Geology and Dean.

PIO Status:

▪ New

Closing the loop - Describe the results of your PIO implementation or completion:

Results are ongoing, they will need to be revisited next academic year.

Conclusion: Complete if PIO has been completed

Fiscal Resources Status:

▪ .5 FTE and $30,000.

PIO Resources:

Attached Files: