#23

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Page 1: I. Program Overview and Update

Q1

I.1 Department(s) Reviewed:

Earth Sciences (Oceanography, Geography, Geology)

Q2

1.2 Lead Author

Miriam Simpson

Q3

I.3 Collaborator(s) - List any person that participated in the preparation of this report

Mikayla Ortega, Jennifer Olim

Q4

I.4 Dean/Manager:

Kim Dudzik

Q5

I.5 Program Update: Please summarize the changes, additions, and achievements that have occurred in your program since the last program review was submitted. To access your 2020 program review, visit the Program Review webpage.

We are still without a full time instructor, but we have made efforts to update our few remaining classes by strategically hiring and training equity-minded part time instructors.

Page 2: II. Assessment and Student Achievement

Q6

II.A.1 Is your program following the assessment plan on file with the SLO Coordinator (or Outcome Assessment Committee)?

No, there is no assessment plan on file and/or the program is not currently following assessment plan

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Q7

OPTIONAL: You may upload a copy of your SLO assessment plan for SLOAC here. If you have an Excel sheet, please convert to one of the supported files listed below before submission.

Respondent skipped this question

Page 3: II. Assessment and Student Achievement

Q8

You indicated either 1) the department assessment plan is on file, but work is needed to update the plan, or 2) the department has no assessment plan on file and/or the program is not currently following assessment planII.A.1a Please describe how your program is adjusting (or developing) its assessment plan to ensure all courses are assessed within the assessment 4-cycle:

Having lost our only full-time instructor, we are trying to patch together a plan that can be easily assessed by the part-time faculty.

Page 4: II. Assessment and Student Achievement

Q9

II.A.2 Please provide an analysis of your Student Learning Outcomes (SLOs) findings over the past year and what changes, if any, were made as a result. This may include, for example, changes to departmental practices, program improvements, and/or professional development opportunities over the past year. *If the department did not complete assessments during the COVID-19 public health crisis, please note that here and provide additional context.

We made changes based on our SLOs from last year in Spring, but did not assess during COVID-19.

Page 5: II. Assessment and Student Achievement

Q10

II.B.1. What progress has been made in your program to address the institutional goals set around student success and equity? (2019 Equity Plan) If qualitative or quantitative data is available, please summarize any findings.

In the last two years we have strategically hired instructors with an interest in equity and supported them with extensive training both through a Course Design Workshop funded by the STEM grant as well as EMTLI. Since this training is still in progress we do not have definitive results yet, however we have made progress on equity gaps in the last two years and were able to hold those numbers steady through the pandemic.

Q11

II.B.2 In light of the goals set in your program review, what are your plans to improve equitable student outcomes (success, retention, persistence, graduation, etc.) in the coming year?

Ideally we would hire a dynamic full-time instructor dedicated to the equity of our students to take on the immense work of closing these gaps through careful design and management of the curriculum, mentoring, student hours, and outreach.

We will also continue to implement skills and techniques from EMTLI and work with the part-time faculty to create student-centered lab classes. We are also reviving Geography 106 to meet the cultural diversity requirement.

Page 6: II. Assessment and Student Achievement

Q12   **Yes**

Do you offer distance education (online) courses?
(excluding emergency remote teaching in 2020)?

Page 7: II. Assessment and Student Achievement

Q13

II.C.1 If there were differences in success rates for distance education (online) versus in-person sections of program courses in your last comprehensive program review, what has the department done to address these disparities? If online and in-person sections had comparable success rates, please describe what the program did to achieve that.

Since everything was online, we have nothing to compare yet.

Q14

II.C.2 What mechanisms are in place to ensure regular and effective contact? For resources, see Cuyamaca Guide to Best Practices in Online Teaching

Faculty are utilizing the speed grader feature in canvas as well as canvas messaging via the gradebook and email.

Page 8: III. Previous Goals: Update

Q15

Goal 1:

Develop and Implement TMC for Geography & GIS Course

Q16   **In Progress - will carry this goal forward into next year**

Goal Status

Page 9: III. Previous Goals: Update continued

Q17

Please describe the results or explain the reason for deletion/completion of the goal:

Respondent skipped this question

Q18

Do you have another goal to update?

Respondent skipped this question

Page 10: III. Previous Goals: Update continued

Q19

Action steps for the next year: If you are requesting resources in order to achieve this goal, please list them below as action steps and specify the type of request (e.g. submit technology request for new laptop computers).

This goal is currently on hold as we focus on adapting classes to online for the pandemic.

Q20

Do you have another goal to update?

Yes

Page 11: III. Previous Goals: Update continued

Q21

Goal 2:

Re-imagine Earth Science as part of an Environmental and Climate Science Pathway

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Q22

Goal Status

In Progress - will carry this goal forward into next year

Page 12: III. Previous Goals: Update continued

Q23

Please describe the results or explain the reason for deletion/completion of the goal:

Respondent skipped this question

Q24

Do you have another goal to update?

Respondent skipped this question

Page 13: III. Previous Goals: Update continued

Q25

Action steps for the next year: If you are requesting resources in order to achieve this goal, please list them below as action steps and specify the type of request (e.g. submit technology request for new laptop computers).

This goal is currently on hold as we focus on adapting classes to online for the pandemic.

Q26 **No**

Do you have another goal to update?

Page 14: III. Previous Goals: Update continued

Q27 **Respondent skipped this question**

Goal 3:

Q28 **Respondent skipped this question**

Goal Status

Page 15: III. Previous Goals: Update continued

Q29 **Respondent skipped this question**

Please describe the results or explain the reason for deletion/completion of the goal:

Q30 **Respondent skipped this question**

Do you have another goal to update?

Page 16: III. Previous Goals: Update continued

Q31 **Respondent skipped this question**

Action steps for the next year: If you are requesting resources in order to achieve this goal, please list them below as action steps and specify the type of request (e.g. submit technology request for new laptop computers).

Q32 **Respondent skipped this question**

Do you have another goal to update?

Page 17: III. Previous Goals: Update continued

Q33

Goal 4:

Respondent skipped this question

Q34

Goal Status

Respondent skipped this question

Page 18: III. Previous Goals: Update continued

Q35

Please describe the results or explain the reason for deletion/completion of the goal:

Respondent skipped this question

Page 19: III. Previous Goals: Update continued

Q36

Action steps for the next year: If you are requesting resources in order to achieve this goal, please list them below as action steps and specify the type of request (e.g. submit technology request for new laptop computers).

Respondent skipped this question

Page 20: IV. New Goals

Q37

Would you like to propose any new goal(s)?

Yes

Page 21: IV. New Goals continued

Q38

New Goal 1:

Design more Equitable Courses

Q39

Which College Strategic Goal does this department goal most directly support? (Check only one)

Student Validation and Engagement

Q40

Please describe how this goal advances the college strategic goal identified above.

This directly advances the college's equity goals.

Q41

Please indicate how this goal was informed by SLO (student learning outcome) assessment results, PLO (program learning outcome) assessment results, student achievement data, or other qualitative or quantitative data (from any source):

Our program has significant equity gaps for both black and latinx populations. We would like to address these.

Q42

Action steps for this year:If you are requesting resources in order to achieve this goal, please list them below as action steps and specify the type of request (e.g. submit technology request for new computer hardware).

1. Full time faculty request - updating, designing, and revising new course structures requires a dedicated faculty member. Part-time faculty, even when enthusiastic, lack the time, resources, support, and staying power to make these changes in a timely and sustainable manner.
2. Instructor participation in EMTLI - we have multiple earth science instructors currently in this program and we would like to enroll any future hires.

Q43

How will this goal be evaluated?

We will look at equity gaps as the new class structure is implemented.

Q44   **No**

Do you have another new goal?

Page 22: IV. New Goals continued

Q45   **Respondent skipped this question**

New Goal 2:

Q46   **Respondent skipped this question**

Which College Strategic Goal does this department goal most directly support?

Q47   **Respondent skipped this question**

Please describe how this goal advances the college strategic goal identified above.

Q48

Please indicate how this goal was informed by SLO (student learning outcome) assessment results, PLO (program learning outcome) assessment results, student achievement data, or other qualitative or quantitative data (from any source):

Respondent skipped this question

Q49

Action steps for this year:If you are requesting resources in order to achieve this goal, please list them below as action steps and specify the type of request (e.g. submit technology request for new computer hardware).

Respondent skipped this question

Q50

How will this goal be evaluated?

Respondent skipped this question

Q51

Do you have another new goal?

Respondent skipped this question

Page 23: IV. New Goals continued

Q52

New Goal 3:

Respondent skipped this question

Q53

Which College Strategic Goal does this department goal most directly support?

Respondent skipped this question

Q54

Please describe how this goal advances the college strategic goal identified above.

Respondent skipped this question

Q55

Please indicate how this goal was informed by SLO (student learning outcome) assessment results, PLO (program learning outcome) assessment results, student achievement data, or other qualitative or quantitative data (from any source):

Respondent skipped this question

Q56

Action steps for this year:If you are requesting resources in order to achieve this goal, please list them below as action steps and specify the type of request (e.g. submit technology request for new computer hardware).

Respondent skipped this question

Q57

How will this goal be evaluated?

Respondent skipped this question

Q58

Do you have another new goal?

Respondent skipped this question

Page 24: IV. New Goals continued

Q59

New Goal 4:

Respondent skipped this question

Q60

Which College Strategic Goal does this department goal most directly support?

Respondent skipped this question

Q61

Please describe how this goal advances the college strategic goal identified above.

Respondent skipped this question

Q62

Please indicate how this goal was informed by SLO (student learning outcome) assessment results, PLO (program learning outcome) assessment results, student achievement data, or other qualitative or quantitative data (from any source):

Respondent skipped this question

Q63

Action steps for this year:If you are requesting resources in order to achieve this goal, please list them below as action steps and specify the type of request (e.g. submit technology request for new computer hardware).

Respondent skipped this question

Q64

How will this goal be evaluated?

Respondent skipped this question

Page 25: V. Resources Needed to Achieve Goal(s)

Q65

What resources is your program requesting this year to achieve the program's goal(s)?

Classified Resource Needs

Page 27: Final Check

Q66

Are you ready to submit your program review?If you would like to go back and review a section, select a section a click "Next."

I am ready to submit my program review