#9

COMPLETE

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Page 1: I. Program Overview and Update

Q1

I.1. Department(s) Reviewed:

Surveying

Q2

I.2. Lead Author:

Keenan Murray

Q3

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

Respondent skipped this question

Q4

I.4. Dean/Manager(s):

Larry McLemore

Q5

Initial Collaboration Date with Manager/Dean:

Enter the initial date you met **12/05/2021** with your dean to discuss your program review using this format: MM/DD/YYYY

Q6

I.5. Program Update (Required): Please summarize the changes, additions, and achievements that have occurred in your program since your last program review was submitted. To access your Spring 2021 program review, visit the Program Review webpage.

Since the last program review, I (Keenan Murray) have taken over the Surveying Coordinator position for Pat Newman. Hence, I will be using this annual review as a chance to get to know the program better. I will use last years' program review as an initial template of topics and goals to review.

•Last year, we reported nearly a doubling of the number of students enrolled in SURV. This year, the numbers has returned to 2019 numbers of 18 students reported for SP21. However, the percentage of women enrolled has still increased from 2019, from 6% to 17% (2019 - 1 female student; 2021 – 3 female students)
•The local chapter of California Lan Surveyors Association continue to support the program but has not donated any new equipment over the past year.
•At Cuyamaca, the Survey classes are vital to those Engineering students wishing to be Civil Engineers. The Engineering program educates the Surveying students in some aspects of their profession. It is a symbiotic relationship. It works the same way in the job market. In the industry, the Surveying community relies upon Cuyamaca College to keep supplying surveyors through its surveying classes. The next closest program is Mt. San Jacinto – Riverside.

Page 2: II. Assessment and Student Achievement

Q7

II.A.1. Describe the progress your program has made in your 4-year assessment cycle. Include any assessment results your department has found and changes you have made as a result. If your assessment plan has changed, please upload this new plan as well.

The assessment plan on file runs through SP22. Since most of the courses are offered in SP only, the assessments are performed in SP. The current assessment plan runs to SP23 as in SP23 we are expected to have our next comprehensive program review. This gives me about a year to review our current SLOs and determine if we want to change our SLOs, their assessments, and integrate them into the next 4-year plan.

Q8

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

SURV SLO assessment plan2020.pdf (11.1KB)

Page 3: II. Assessment and Student Achievement

Q9

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.

The SURV program is predominantly serving the white population, with 61% of or students identifying as white compared to 35% of student's campus-wide identifying as white. While a large gap still exists between the SURV program and the campus-wide statistic, the SURV program student population is more diverse compared to 2018 and 2019, when 80% and 67% of SURV students identified as white. I am unaware of any currently active measures in place for the SURV program to actively diversify the student pool and could be a good goal for the program to focus on!

Because the number of enrolled students is lower, the equity gap data on a per semester bases does not typically identify equity gaps in our program because as a minimum of 10 enrolled students for a specific group is required. However, over the past 5 years, an equity gap was identified for Hispanic students, as they had a 79% and 76% retention and success rate compared to the White students who had a 95% and 89% retention and success rate over the past 5 years. Hence, it appears that the Hispanic students who we retain are successful, but we should find a way to increase the retention of our Hispanic students.

Q10

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?

As noted in last year's review, the program is currently run by part-time faculty members who are also full-time professionals in the surveying field. They are engaged with our students, provide extracurricular presentations, and even sometimes help students acquire jobs or internships after completing one course. However, if we are going to try to fill equity gaps in our smaller program, we will need to create a plan that incorporates myself (the surveying coordinator) and college-wide support and services as it is not reasonable to expect these part-time instructors/full-time professionals to donate more of their time. I will need to come up with a plan!

Q11

II.B.3. What did your program learn from the transition to remote teaching and operations over the past year? How can this be used to improve the student experience in the future?

While our retention and success rates did not drop very much compared to the campus-wide population, the SURV program is a very hands-on equipment/software program. The professionals teaching our courses did the best they could do, but they were very much in agreement that these courses should remain in-person due to the hands-on requirements for the courses.

Q12   **Yes**

II.B.4. Is your program a career education program (e.g., does it prepare students to directly enter the workforce)?

Page 4: II. Assessment and Student Achievement continued

Q13

II.B.5. Please share your observations about the employment rate for your program over the past several years.

Over the past 3 years we have had a 95% employment rate, placing 13 students. This is wonderful news and hopefully we can focus on increasing our cohort size while maintaining our employment rate.

Q14

II.B.6. What is the institution-set standard for your program's employment rate? The institution set standard is what you would consider the lowest acceptable employment rate for your program (or "floor").

I do not know where to find the lowest acceptable employment rate for my program, however, I would guess that a 95% is well above it. I will need to learn where to find the lowest acceptable employment rate.

Q15

II.B.7. What would you like your program's employment rate to be, ideally (stretch goal)?

Always aim for 100%!!!

Page 5: II. Assessment and Student Achievement continued

Q16

Does your department offer classes that are approved distance education courses excluding emergency remote teaching in 2020-21 (classes that would have been taught in person if not for the pandemic)?

No

Page 6: II. Assessment and Student Achievement

Q17

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.

Respondent skipped this question

Page 7: III. Previous Goals: Update

Q18

1. Previous Goal 1:

Provide students with training on equipment and technology used in the field.

Q19

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

Student Validation and Engagement

Q20

In Progress - will carry this goal forward into next year

3. Goal Status

Page 8: III. Previous Goals: Update continued

Q21

Respondent skipped this question

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

Q22

Respondent skipped this question

Do you have another goal to update?

Page 9: III. Previous Goals: Update continued

Q23

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).

Last year the program coordinator requested an increase to the supply budget to support this program as we currently are relying on donations to maintain the program. Additionally, the course SURV-218 that is cross-listed with ENGR has been showing a lot of growth and competition for student seats has increased. It will be incredibly difficult to have two sections of the course unless we acquire more equipment soon. Because our professional instructors typically teach on the weekends, and work during the week, we will need double the equipment to fit our professional's careers. So, for the next year I will work with our Dean to review our supply budget for maintaining our equipment and determine what potential pathways we could use to acquire more equipment for the possibility of offering two sections of SURV-218 a semester.

Q24

Yes

Do you have another goal to update?

Page 10: III. Previous Goals: Update continued

Q25

1. Previous Goal 2:

Create apprenticeship program to create opportunities for program graduates

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Q26

Guided Student Pathways

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

Q27   **Completed**

3. Goal Status

Page 11: III. Previous Goals: Update continued

Q28

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

Last year this goal was listed as completed, but was listed on the Program Review website

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Q29   **No**

Do you have another goal to update?

Page 12: III. Previous Goals: Update (If Applicable) continued

Q30   **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).

Q31   **Respondent skipped this question**

Do you have another goal to update?

Page 13: III. Previous Goals: Update continued

Q32   **Respondent skipped this question**

1. Previous Goal 3:

Q33   **Respondent skipped this question**

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

Q34   **Respondent skipped this question**

3. Goal Status

Page 14: III. Previous Goals: Update continued

Q35

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

Respondent skipped this question

Q36

Do you have another goal to update?

Respondent skipped this question

Page 15: III. Previous Goals: Update continued

Q37

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

Q38

Do you have another goal to update?

Respondent skipped this question

Page 16: III. Previous Goals: Update continued

Q39

1. Previous Goal 4:

Respondent skipped this question

Q40

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

Respondent skipped this question

Q41

3. Goal Status

Respondent skipped this question

Page 17: III. Previous Goals: Update continued

Q42

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

Respondent skipped this question

Page 18: III. Previous Goals: Update continued

Q43

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 19: IV. New Goals

Q44

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

No

Page 20: IV. New Goals continued

Q45

1. New Goal 1:

Respondent skipped this question

Q46

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

Respondent skipped this question

Q47

3. Please describe how this goal advances the college strategic goal(s) identified above.

Respondent skipped this question

Q48

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

Respondent skipped this question

Q49

5. 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

6. How will this goal be evaluated?

Respondent skipped this question

Q51

Do you have another New Goal?

Respondent skipped this question

Page 21: IV. New Goals continued

Q52

1. New Goal 2:

Respondent skipped this question

Q53

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

Respondent skipped this question

Q54

3. Please describe how this goal advances the college strategic goal(s) identified above.

Respondent skipped this question

Q55

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

Respondent skipped this question

Q56

5. 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

6. How will this goal be evaluated?

Respondent skipped this question

Q58

Do you have another New Goal?

Respondent skipped this question

Page 22: IV. New Goals continued

Q59

1. New Goal 3:

Respondent skipped this question

Q60

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

Respondent skipped this question

Q61

3. Please describe how this goal advances the college strategic goal(s) identified above.

Respondent skipped this question

Q62

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

Respondent skipped this question

Q63

5. 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

6. How will this goal be evaluated?

Respondent skipped this question

Q65

Do you have another New Goal?

Respondent skipped this question

Page 23: IV. New Goals continued

Q66

1. New Goal 4:

Respondent skipped this question

Q67

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

Respondent skipped this question

Q68

3. Please describe how this goal advances the college strategic goal(s) identified above.

Respondent skipped this question

Q69

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

Respondent skipped this question

Q70

5. 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

Q71

6. How will this goal be evaluated?

Respondent skipped this question

Page 24: Resources Needed to Achieve Program Goal(s)

Q72

What resources is your program requesting this year to achieve the program's goals? (Check all that apply)

My program is not requesting any resources at this time

Page 26: Final Check

Q73

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