

## 22-23 Annual Progress Report

### Recommended actions for improvement identified in the 5-Year Self-Study.

While there were action items in the Program Review, there were three that were presented at the meeting.

1. Hiring engineering tutors for online and in person tutoring
2. Including more teamwork and team-based assignments in our courses both in person and online
3. Fostering a sense of community in our courses both in person and online

The full list is below:

1. Guided Pathways by creating a schedule that reduces course overlap by looking at how many students on the engineering pathway have the pre-requisites for the courses and figure out how to streamline their success in the courses that become roadblocks
2. working with high schools
3. Increasing online offerings
4. provide more information about what engineering is and how engineers help people
5. provide more authentic projects
6. provide more teamwork opportunities
7. introduce more female role models
8. work with Umoja and Puente
9. include more African American, Latinx, and Pacific Islander role models on our website
10. include more African American, Latinx, and Pacific Islander engineers in the curriculum in at least one of our courses
11. mentoring program that connects current students to successful Foothill alumni
12. ask the students for feedback on how to better support them in online courses
13. ask online learning experts about additional strategies for supporting student success
14. increase access to engineering tutoring both online and in person
15. Hiring engineering tutors for online and in person tutoring
16. Including more teamwork and team-based assignments in our courses both in person and online
17. Fostering a sense of community in our courses both in person and online
18. including more alumni success cases on our website

### Actions taken and progress made in accomplishing the improvement.

Regarding hiring engineering tutors for online and in person tutoring, in Fall 2022, we reached out to Constantine in the STEM center and are looking for a time when our schedules align in order to discuss the needs of the STEM center and the needs of our engineering students.

Regarding including more teamwork and team-based assignments in our courses both in person and online, the Astronomy/Physics/Engineering department is meeting more regularly than ever before, and there are plans to share our in-class activities and projects in Spring 2023.

Regarding fostering a sense of community in our courses both in person and online, answering a quick get-to-know-you question has been demonstrated in our Astronomy/Physics/Engineering department meetings and it has been considered to be tried by some instructors.

### Evidence used to evaluate progress.

(ex: What data are you using to make your progress judgment?)

These changes are still in the initiation stage and no data has been measured at this point.

### New trends, policies, or state initiatives that have impacted your actions for improvement.

As we continue to transition to a post-pandemic state, the new normal is still being discovered and some changes that were made during the pandemic will remain while others will revert back. Some students are still looking for a comprehensive list of online offerings. The in-person classes seem to have a greater sense of connection than pre-pandemic.

### Actions needed/designed to address the area of work/improvement for new trends, policies, or state initiatives.

We should continue to ask our students what they need and be open to listening to what they say.

---

This form is completed and ready for acceptance.

---

Administrator's Name:

Date:

Comments: