Engineering-FD Sarah Parikh - Engineering

21-22 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.

We held a meeting on December 9, 2021 for the Engineering instructors Sue and Sarah to discuss teamwork activities, team-based assignments, and fostering a sense of community. We shared how asking students to answer a question as a part of taking attendance could help students to get to know each other and put each other at ease. Additionally, having students work in small groups to solve a problem. And discussed how this takes time out of class. We will meet again to discuss it in Winter 2022.

We have initiated a request for additional tutors to be hired in Engineering by sending an email to Konstantin on December 9, 2021 and talking with Ram.

Evidence used to evaluate progress.

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

Delays due to the pandemic mean that we are just now initiating the process for incorporating the changes. We are making progress as evidenced by meetings to discuss and write this document and discussions on how teamwork and a sense of community can be incorporated in each course.

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

The pandemic led to a reprioritization of everything temporarily as we switched to online teaching and dealt with the stress associated with living through a global pandemic. Now that we are getting back to normal, we are picking up where we left off, only delayed a bit.

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

We are continuing with the goals and actions stated in the Program Review, starting with the three goals prioritized and presented at the meeting.

This form is completed and ready for acceptance.

Administrator's Name:

Date:

Comments: