

CAN Program Review (Instructional) - Engineering (Even Year)

Objective: Reintroduce online course offerings

Identify courses that would satisfy student demand if offered in an online environment, and faculty highly-qualified to teach them, to recapture a student population lost to reduction in online course offerings.

Objective Status: 2 - Continuing (PR)

Objective Year: 2019-2020

Estimated Start Date: 01/01/2019

Estimated Completion Date: 12/31/2019

Please select the college goals with which this objective aligns.: Student Completion/Success - Provide educational and student services programs that highlight inclusivity diversity and equity in their mission to help students meet their unique educational goals and minimize logistical and financial barriers to success., Organizational Development - Focus institutional resources on the structures processes and practices that invest in a diverse student population and prioritize and promote equitable inclusive and transformative learning.

Please select the district goals with which this objective aligns.: District Goal #1 - Develop and Strengthen Educational Offerings Interventions and Support Programs that Increase Student Access & Success, District Goal #3 - Increase Program Delivery Options Including the Expanded Use of Instructional Technology to Support Student Learning and Success

Action Plans

2018-2019 - Review prior online course offerings and enrollment patterns, to determine which courses are most eligible for online delivery. Consult with sister colleges to ensure complementary course offerings that will reduce competing overlap. Consult with faculty to identify qualified instructors for those courses, and then begin scheduling them no later than the Fall 2019 semester. (Active)

Who's Responsible for Completing this Action Plan?: Adam Windham
Estimated Completion Date: 03/31/2019

Objective: Develop a three-year SLO assessment plan

Develop a three-year SLO assessment plan, in coordination with division dean and adjunct faculty in the department.

Objective Status: 1 - New (PR)

Objective Year: 2019-2020

Estimated Start Date: 11/16/2018

Estimated Completion Date: 12/14/2018

Please select the college goals with which this objective aligns.: Organizational Development - Focus institutional resources on the structures processes and practices that invest in a diverse student population and prioritize and promote equitable inclusive and transformative learning.

Please select the district goals with which this objective aligns.: District Goal #1 - Develop and Strengthen Educational Offerings Interventions and Support Programs that Increase Student Access & Success

Action Plans

2018-2019 - Develop a three-year SLO assessment plan, based on course offering patterns. (Active)

Who's Responsible for Completing this Action Plan?: Adam Windham
Estimated Completion Date: 12/14/2018

CAN Program Review (Instructional) - Engineering (Even Year)

Objective: To update laboratory resources for engineering classes

The objective here is to build on the hiring of a full-time engineering instructor by implementing a longer-term vision for engineering based on strengthening student learning outcomes and increasing student access and success. SLOs in several engineering classes require hands-on experimental activity, including performing experiments, making measurements and analyzing data. In this resource request, the instructor plans to upgrade the hands-on offering to students by providing modern and state-of-art laboratory equipment.

Objective Status: 1 - New (PR)

Objective Year: 2020-2021

Estimated Start Date: 06/15/2020

Estimated Completion Date: 08/31/2020

Please select the college goals with which this objective aligns.: Student Completion/Success - Provide educational and student services programs that highlight inclusivity, diversity, and equity in their mission to help students meet their unique educational goals and minimize logistical and financial barriers to success.

Please select the district goals with which this objective aligns.: District Goal #1 - Develop and Strengthen Educational Offerings, Interventions, and Support Programs that Increase Student Access & Success, District Goal #4 - Ensure Necessary Resources Are Available To Implement This Strategic Plan Through Sound Fiscal Planning And Management Of Allocations. Protect Community-supported Status And Undertake The Development Of Innovative Sources Of Revenue That Support Educational Programs Beyond That Which Is Available From Community And State Allocations.

Action Plans

2020-2021 - To acquire necessary laboratory resources and integrate them into the various engineering classes. (Active)

Who's Responsible for Completing this Action Plan?: Engineering Professor

Estimated Completion Date: 08/30/2020

Related Documents & Links:

[LabResources-ENGR-2021.xlsx](#)

Resource Requests

Laboratory Supplies - Many conventional hands-on activities for the introduction to engineering class are currently not in place. This makes it very difficult to achieve student learning objectives related to hands-on learning, such as performing experiments, making measurements and analyzing data. This resource request will put in place sufficient resources to provide every student in the Intro to ENGR class an opportunity to participate a several different hands-on activities.

Status: New Request - Active

Type of Resource: Equipment (Items Over \$5000)

Cost: 11785

One-Time or Recurring Cost?: One-Time Cost

Division/Department Priority: High Priority

Objective: To build laboratory facilities for engineering classes as well as ancillary programs related to engineering such as the engineering club

The objective here is to build on the hiring of a full-time engineering instructor by implementing a longer-term vision for engineering based on strengthening student learning outcomes and increasing campus-wide student access and success. SLOs in several engineering classes require hands-on experimental activity, including performing experiments, making measurements and analyzing data. Many students, (including non-engineering majors) across the Cañada campus also desire access to engineering resources, such as additive manufacturing and 3D printing (example through the engineering club). In this resource request, the instructor

CAN Program Review (Instructional) - Engineering (Even Year)

plans to upgrade the hands-on offering to students by providing modern and state-of-art laboratory equipment and also obtain the necessary space to be able to provide students a safe and functional location to be able to access activities like 3D printing.

Objective Status: 1 - New (PR)

Objective Year: 2020-2021

Estimated Start Date: 06/15/2020

Estimated Completion Date: 08/31/2020

Please select the college goals with which this objective aligns.: Student Completion/Success - Provide educational and student services programs that highlight inclusivity, diversity, and equity in their mission to help students meet their unique educational goals and minimize logistical and financial barriers to success., Organizational Development - Focus institutional resources on the structures, processes, and practices that invest in a diverse student population and prioritize and promote equitable, inclusive, and transformative learning.

Please select the district goals with which this objective aligns.: District Goal #1 - Develop and Strengthen Educational Offerings, Interventions, and Support Programs that Increase Student Access & Success, District Goal #3 - Increase Program Delivery Options, Including the Expanded Use of Instructional Technology, to Support Student Learning and Success, District Goal #4 - Ensure Necessary Resources Are Available To Implement This Strategic Plan Through Sound Fiscal Planning And Management Of Allocations. Protect Community-supported Status And Undertake The Development Of Innovative Sources Of Revenue That Support Educational Programs Beyond That Which Is Available From Community And State Allocations.

Action Plans

2020-2021 - To work with facilities to identify location and necessary infrastructure so as to improve access to safe and accessible laboratory space and infrastructure (Active)

Who's Responsible for Completing this Action Plan?: Engineering Professor working with facilities

Estimated Completion Date: 08/31/2020

Related Documents & Links:

[FacilitiesRequests-ENGR-2021.xlsx](#)

Resource Requests

Facilities requests, including fume hood and eye wash station - In order to provide safe usable laboratory space to perform engineering experiments

Status: New Request - Active

Type of Resource: Facilities

Cost: 25000

One-Time or Recurring Cost?: One-Time Cost

Division/Department Priority: High Priority