Civil and Environmental Engineering Program

BSCE Program

The department agrees with the review of the undergraduate program by the external assessor. The program is considered to be equivalent to other Civil Engineering programs in terms of content and structure. Program assessment is active and this is a necessity for a program that is currently seeing a significant increase in enrollment.

The COE Program Planning Committee has the following recommendation based on a review of the report by the external assessor:

- Additional employer and alumni participation in assessment is recommended.
- Maintain progress towards the general goal to provide at least two faculty in each of the specialty areas (tracks) in CE; which is being considered in the current CE hiring cycle. While the department response to recent increases in student headcount has been effective, this situation results in a greater need to fill the vacant positions.
- Curricular recommendations included revisions to involve undergraduates in CE courses during the first two years.
- CEE should develop a formal plan and schedule to implement the primary recommendations of the assessor; consistent with the current development plan for the BSCE program.
- The program has the support of the Davidson Endowed Chair and it is recommended that these resources be employed to develop a unique program that would be compatible with technical development in Silicon Valley.

MSCE Program

The department agrees with the review of the graduate program by the external assessor.

The COE Program Planning Committee has the following recommendation based on a review of the report by the external assessor:

- Develop more comprehensive assessment for the graduate program; which would use some of the tools employed for the undergraduate program.
• Curricular configuration should continue to use the overlapping course sequences to provide the most courses for graduate students and to consider alternate methods to address the GWAR.

• Develop a formal plan and schedule to implement the primary recommendations of the assessor; consistent with the current development plan for the MSCE program.

• The program has the support of the Davidson Endowed Chair and it is recommended that these resources be employed to develop a unique program that would be compatible with technical development in Silicon Valley.

**College of Engineering PPR Committee:**
Ahmed Hambaba, Chair
Minnie Patel, CoE PPR Facilitator and ISE Facilitator
Gregory Young, CME Facilitator
Kurt McMullin, CEE Facilitator
Thuy Le, EE Facilitator
Raymond Yee, MAE Facilitator
Nikos Mourtos, AE Facilitator
Weider Yu, CmpE Facilitator
Mike Jennings, MSE Facilitator