

Engineering Department Meeting Minutes

Thursday, September 26, 2019

Present: Jill Evensizer, Milan Georgevich, Art Hernandez, Ashod Minasian, Pavan Nagpal, Arkadiy Sheynshteyn, Jacquelyn Sims

TEXTBOOKS

P. Nagpal will be the designated faculty member assigned to keep Janet Quezada updated with changes and new additions to Engineering textbooks.

P. Nagpal will discuss the timeline for new textbook adoptions with J. Quezada.

SLOS

SLOs help evaluate what we do and how we are consistent in courses across campus. They are also a big part of the accreditation process.

M. Georgevich will provide P. Nagpal with the last two SLO reports for guidance.

SLO's for Engineering are only assessed in the spring.

C. Schult Roman is SLO Coordinator for the department so P. Nagpal will work with her regarding timelines and submission dates.

CURRENT CURRICULUM AND PROPOSED CURRICULUM

Circuits is a new course proposal.

A. Hernandez discussed a \$30,000 grant that can be used to develop more Engineering courses. The grant offers flexibility and can be used to buy equipment so students can play with circuits. The grant can also be used to train faculty as well.

A. Minasian recommended using the Physics or ITEC lab temporarily while we finalize the class details.

Dean J. Sims discussed that the department will pilot the Circuits class without the lab while the demand is determined.

The committee agreed to remove Engineering 12 as a coreq for Engineering 11.

The prerequisite for Engineering 11 will be Math 240 (can be taken concurrently) and Physics 1C.

Dean J. Sims will consult with the Physics department regarding the Circuits course.

ENGINEERING 1 UPDATE: NORTHROP AND UCLA

ECC has a partnership with UCLA, and they see an opportunity to update the Engineering 1 course outline to infuse liberal arts and attract more students, even those that are not interested in pursuing Engineering.

UCLA would like the curriculum changes done this year so we can share our experiences with other colleges.

The college has curriculum deadlines, but P. Nagpal will find out if there is flexibility and see the deadline for updates to current courses.

Dean J. Sims discussed that the department's curriculum priority is for new courses.

CREATION OF ADVISORY BOARD

Dean J. Sims discussed creating an advisory board for the Engineering department. The advisory board would meet once per semester. It serves as a chance to pick the brains of people from different fields of Engineering, including industry and academics.