

September 22, 2014

Dear Engineering Dean:

This letter is to inform you that the National Science Foundation is sponsoring the *California Lower-Division Engineering Curriculum Articulation Workshop* to bring together engineering faculty from the California community colleges, the University of California, and California State University system. The workshop will be held at Cabrillo College in Aptos on Thursday, April 2, 2015. The main goal of the workshop is to improve the alignment and articulation of engineering courses between community college engineering programs and the universities in order to streamline the transfer process for thousands of community college engineering students as mandated by CA Senate Bill 1440. During the workshop, which will be led by members of the Faculty Discipline Review Group (FDRG) and state-level academic senate leaders, course descriptors (C-IDs) for lower-division engineering courses and the proposed statewide engineering model curricula will be reviewed. The eleven courses that will be reviewed are: Introduction to Engineering, Engineering Graphics, MATLAB, Computer Programming, Statics, Dynamics, Strength of Materials, Materials Science, Surveying, Circuits Lecture, and Circuits Lab. Approximately 100 participants from the three segments of California's engineering education community: 30 from CSUs (two each from the 15 CSUs with undergraduate engineering degree programs), 18 from UCs (two each from the nine UC campuses), and 52 from community colleges.

In order to ensure wide participation from all the three segments **we are requesting your assistance in identifying and nominating two representatives** from your institution to participate, a faculty member involved with engineering curriculum and another individual (dean, associate dean, or faculty) involved with enrollment management and transfer. After confirming with your nominees that they are available to attend the workshop, please send their names and contact information to enriquez@smccd.edu, or 650-306-3261. More details about the workshop can be found at www.canadacollege.edu/nsf-workshop.

Thank you in advance for your assistance in identifying faculty to attend this very important workshop.

Amelito Enriquez
Cañada College
PI, NSF Award No. DUE-1445920

Kate Disney
Mission College
FDRG Lead Faculty

Jo-Ann Panzardi
Cabrillo College
ELC, Community College Segment Chair

NSF California Lower-Division Engineering Curriculum Articulation Workshop
Thursday, April 2, 2015
Cabrillo College, Aptos, CA

| Time | Session Title/ Description | Facilitators |
|-------------------------|--|---------------------------------|
| 8:30 a.m. – 9:00 a.m. | Breakfast | |
| 9:00 a.m. – 9:10 a.m. | Welcome and Introductions | Jo-Ann Panzardi |
| 9:10 a.m. – 9:30 a.m. | The State of the Community College Engineering Pipeline | Erik Dunmire |
| 9:30 a.m. – 9:40 a.m. | Senate Bill 1440 – The Student Transfer Achievement Reform Act | Academic Senate Representatives |
| 9:40 a.m. – 10:00 a.m. | The work done by the FDRG | Kate Disney |
| 10:00 a.m. – 10:15 a.m. | Break | |
| 10:15 a.m. – 12:30 p.m. | Developing Transfer Curricula: Part 1 | Kate Disney |
| 12:30 p.m. – 1:30 p.m. | Working Lunch: Funding Opportunities from NSF | John Krupczak |
| 1:30 p.m. – 2:45 p.m. | Developing Transfer Curricula: Part 2 | Kate Disney |
| 2:45 p.m. – 3:00 p.m. | Break | |
| 3:00 p.m. – 4:15 p.m. | Break-out Sessions: Reviewing Course Descriptors | FDRG members |
| 4:15 p.m. – 4:45 p.m. | Next Steps | Amelito Enriquez |