

**University of California at Berkeley**  
**MEETING OF THE FACULTY OF THE COLLEGE OF ENGINEERING**  
**February 18, 2011 Noon to 1:00 PM**  
**290 Hearst Memorial Mining Building**

K. Poolla, Chair of the Faculty, called the meeting to order. The purpose of this special meeting is to review the Proposed Part-Time Master of Engineering for Working Professionals.

Dean S. Sastry outlined the proposed program, which is designed to give working professionals the opportunity to earn our 24-unit M.Eng degree over an extended period of time. Degree requirements are the same as for the newly revised M.Eng degree. The departments of Electrical Engineering & Computer Science, Industrial Engineering & Operational Research, Materials Science & Engineering, and Nuclear Engineering are participating in the new full-time M.Eng program.

Associate Dean J. Malik outlined the proposed Part-Time M. Eng for Working Professionals. Like the full-time M. Eng, it is a “T-Model” curriculum consisting of 3 areas: Technical Specialization (12 units), Integrative Capstone Project (5 units) and Core Leadership Curriculum (7 units). The technical specialization courses focus on industry and innovation. In the Integrative Capstone Projects, students analyze and address an industry challenge. The Core Leadership courses teach strategy, management, innovation, and business concepts for engineers.

Issues discussed included drawing the best applicant pool, course scheduling, enrollment slots, faculty workload, structuring the capstone projects for part-time students, and how teaching these students differ from current students. There was some concern about starting the part-time program before gaining experience with the full-time program. Dean Sastry commented that due to the time required to obtain the necessary approvals to start a program, the faculty is being asked to endorse the essentials of the program while knowing that some critical details of the implementation still need to be worked out.

Chair Poolla called for a motion to approve the proposal for a Part-Time M.Eng. for Working Professionals. The motion was made and seconded. Chair Poolla then asked if there was any discussion regarding the motion to approve the proposal for a Part-Time M.Eng for Working Progressionals. There was no further discussion. The Chair then called for a vote by show of hands. There were 21 votes for the motion and none against.

Chair Poolla then asked the faculty to approve a revision to the agenda to include information regarding the Bio-Engineering Department’s Proposed Part-time M.Eng program. A motion to revise the agenda to include this item was made and seconded. The motion was approved by voice vote, with no votes against.

Bio-Engineering Department Chair M. Tirrell said BioE will be proposing two new programs, a BioE M.Eng program and a program with UCSF, the Masters of Translational Medicine program. Details of these programs will be presented to the faculty at a future meeting.

The chair then adjourned the meeting.

Respectfully submitted,  
Stephanie Smith

Attendees:

Faculty:

Alice Agogino  
Ilan Adler  
David Bogy  
Lisa Alvarez-Cohen  
David Culler  
Fiona Doyle  
Roberto Horowitz  
George Johnson  
Phil Kaminsky  
Tsu-Jae King Liu  
Song Li  
Dennis Lieu  
Jitendra Malik  
Kameshwar Poolla  
Rhonda Righter  
Sara McMains  
Shankar Sastry  
Costas Spanos  
Bozidar Stojadinovic  
Matthew Tirrell  
Masayoshi Tomizuka  
Claire Tomlin

Staff:

Gladys Khoury  
Dat Le  
Melissa Nidever  
Enid Pollack  
Amy Robinson  
Stephanie Smith  
Marcia Steinfeld

Guest:

Tim Faley