

MINUTES
EXECUTIVE COMMITTEE
Bourns College of Engineering
January 30, 2008, 9:30 A.M.
A171 Bourns Hall

Attending: Frank Vahid, Chair
Bahman Anvari
Yingbo Hua
Tom Stahovich
Deep Shah
Charles Wyman

Dean Reza Abbaschian, *ex officio*
Associate Dean Mark Matsumoto, *ex officio*
Associate Dean Chinya Ravishankar, *ex officio*

Suzanne McCusker
Rod Smith

Absent: David Cocker
Stefano Lonardi
Ertem Tuncel

Approval of the Minutes

The minutes for the meeting of the January 9, 2008 were approved by acclamation.

Announcements

A. Dean

Reza Abbaschian

--A response was sent to the Graduate Council regarding their questions concerning the BS/MS program proposals.
--The departments have been asked to draft a template of what they would like to see offered regarding the Master's of Engineering program. It is important to get it in place as soon as possible due to budget cuts next year.

B. Associate Deans

Chinya Ravishankar

--Received applications are up 13-14% in BCoE. The amount of applications received for the campus is up 8%, and UC wide is about 10-11%.
--A solicitation has been sent out to SAT test takers in a flash email.

C. Chair

Frank Vahid

-- Frank has been attending the school of medicine planning meetings. The curriculum has been approved. The business portion will be a bit more difficult to establish.
--Dallas Rabenstein, Dean of Graduate Division, has had a discussion with the Graduate Council regarding the graduate funding issue. As a whole, graduate funding has not been increased. Executive Council is drafting a letter to send to Academic Planning and Budget explaining how detrimental this would be.

New and Continued Business

A. AP Credit and Breadth Requirements

- The initial reason it was suggested to update the AP credit was to have a competitive edge in regard to how our college issues AP credit. It is now known that the college was so far behind, if the proposed is approved, the college will now be up to par with other engineering colleges. It is still progress however.

At the last meeting, the Executive Committee approved subject credit will be awarded for HMNSS AP credit. The natural sciences and math AP credit exams are now being proposed to receive subject credit rather than elective credit. This would apply to any breadth that does not require a specific course to fulfill the requirement.

AP exams are roughly 3 hours long, consisting of half multiple choice, and half free answer. Students that score a 5 are extremely well qualified, 4 are well qualified, 3 are qualified, 2 are possibly qualified, and 1 are not recommended.

It was mentioned that the specific areas covered in the courses, labs, textbooks, are all college level. It was argued that the students get a whole year of the material as opposed to a quarter here.

The following were proposed to receive breadth subject credit as opposed to elective credit only:

AP Examination- Biology- it was recommended that one quarter Biology subject credit be awarded for AP scores of 3, 4, or 5. The Executive Committee unanimously approved the recommendation.

It was asked why for majors that require a course like BIOL 5A for example, that credit not be awarded for it. It was discussed that it is left up to the departments to evaluate what would be required to satisfy the specific course requirement. The department has the option to waive a specific course based on the AP scores, but not to have it count for specific course credit.

AP Examination- Chemistry- it was recommended that one quarter of Physical Sciences subject credit be awarded for AP scores of 3, 4, or 5. The Executive Committee unanimously approved the recommendation.

AP Examination- Physics, Examination C: Mechanics- it was recommended that an AP score of 3 remain as elective credit. It was recommended that an AP score of 4 or 5 be assessed on a case-by-case basis to award credit for Physics 40A. This would include a list of items to be considered such as strong math and physics high-school grades, and good math placement test scoring at UCR. The Executive Committee unanimously approved the recommendation.

AP Examination- Physics, Examination C: Electricity and Magnetism- it was recommended that an AP score of 3 remain as elective credit. It was recommended that an AP score of 4 or 5 be assessed on a case-by-case basis to award credit for Physics 40C. This would include a list of items to be considered such as strong math and physics high-school grades, and good math placement test scoring at UCR. The Executive Committee unanimously approved the recommendation.

AP Examination taken in the Languages- it was recommended that subject coverage may be granted after language placement exam and individual counseling. If the student places into a level three language, allow Humanities (additional course) subject coverage. The Executive Committee unanimously approved the recommendation.

-IB (International Baccalaureate) examinations are offered to students who are enrolled in IB high school programs. These courses are intense, college level preparatory courses.

It was recommended that the following receive breadth subject credit as opposed to elective credit only for those students that score 5, 6, or 7 on an IB exam:

IB Examination- Art/Design- Humanities (Fine Arts) subject credit

IB Examination- Biology- Natural Sciences and Mathematics (Biological Sciences) subject credit

IB Examination- Chemistry- Natural Sciences and Mathematics (Biological Sciences)

IB Examination- Classical Languages- Additional Humanities subject credit

IB Examination- Geography- Additional Social Sciences subject credit

IB Examination – History of the Islamic World- Additional Humanities subject credit

IB Examination- Music- Humanities (Fine Arts) subject credit

The Executive Committee unanimously approved the recommendation.

-The Committee also reviewed the possibility of accepting Intersegmental General Education Transfer Curriculum (IGETC). IGETC is a program offered at the junior and community colleges that provide

students with a series of courses to take that will waive all breadth requirements once they transfer to a UC or Cal State University.

Many other UC Engineering colleges accept IGETC, but also require a depth requirement.

The Executive Committee unanimously approved that BCOE accept IGETC, but that a statement be drafted that specifies there is also a depth requirement. The statement should also include that courses must be taken that are required for specific majors. Rod, Suzanne, Ravi, and Frank will draft a statement to be circulated to the Executive Committee via email.

The Executive Committee unanimously approved the recommendation.

B. Course Approval Process

-The BCoE Executive Committee has expressed concern with the early submission deadlines and micro-managing of courses. The BCoE Committee on Courses representative brought up the concerns at a Committee on Courses meeting. The Chair of the Committee on Courses met with the Chair of the BCoE Executive Committee eventually agreed that there may be a possibility of extending the deadlines and colleges doing their own monitoring and/or approving. They also discussed the possibility of graduate and undergraduate courses being reviewed together by the Executive Committee.

LaRae Lundgren, the acting registrar, spoke with the BCoE Executive Committee chair and also was in agreement with these suggested changes.

The Executive Committee decided the best direction to take at this point is to draft something that includes the suggested revisions and send it to Committee on Courses, and Graduate Council.

C. UCOP Admission Documentation Revision

-It was brought to Associate Dean Ravishankar's attention that there is a UCOP document that states BCoE will not recognize courses that have been completed at another UC. The document also mentions that credit will not be given for courses that are completed at another UC that fulfill breadth requirements. The practice of the college has been to accept courses taken from other UC campuses. The Executive Committee unanimously approved that the statement be removed from this document.

D. Faculty Purchasing and Reimbursement

-Purchasing has informed the department MSO's that faculty reimbursement will not be accepted for purchases made with personal funds.

It was determined that this issue is out of the jurisdiction on the Executive Committee. The Dean will look into this further with Pat Hartney, as this is more of an administrative issue.

E. Online Course Offerings

-The college needs to start thinking about offering online courses. Online courses are completed by students moving at their own pace, but will have had to complete the course within 6 months. An instructor is available to answer questions. Exams are proctored.

The departments should begin to discuss what course should be considered as online offerings.

The meeting was adjourned at 11:10 a.m.