

COUNCIL ON ACADEMIC AFFAIRS

200 Bricker Hall

January 5, 2011

3:00 PM – 5:00 PM

MINUTES

ATTENDANCE

Faculty:

- | | |
|--|---|
| Dr. Leslie Alexander (History) | ✓Dr. Ashok Krishnamurthy (Engineering) |
| ✓Dr. Marilyn J. Blackwell (Germanic Languages and Literatures) | ✓Dr. Barbara Polivka (Nursing) |
| ✓Dr. James W. Cogdell (Mathematics) | ✓Dr. Robert J. Ward (Music) |
| ✓Dr. John Fellingham (Business) | ✓Dr. John W. Wilkins (Physics) |
| ✓Dr. Jay S. Hobgood (Geography) | ✓Dr. Kay N. Wolf (Allied Medical Professions) |

Students:

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| ✓Mr. Niraj Antani (USG, Political Science) | ✓Ms. Sarah K. Douglas (CGS, History) |
| ✓Mr. Dheeraj Duggineni (USG, John Glenn School) | ✓Ms. Sarah Lang (CGS, Education and Human Ecology) |

Administrators:

- ✓ Dr. W. Randy Smith, (Academic Affairs, Vice Chair)

Guests:

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| Dr. Avi Benatar (Materials Science Engineering) | Mr. David L. Roy (Assistant Director, Enrollment Services) |
| Ms. Andrea Bour (Office of the University Registrar) | Dr. Mark Ruegsegger (Biomedical Engineering) |
| Dr. Ann D. Christy (Academic Affairs) | Dr. David Tomasko (Chemical Engineering) |
| Dr. Alexis Collier (Associate Provost) | Dr. Harold Walker (Civil and Environmental Engineering and Geodetic Science) |
| Dr. Rich Hart (Biomedical Engineering) | Dr. Valerie Williams (Arts and Sciences) |
| Mr. Bradley Myers (Office of the University Registrar) | Mr. Andy Zirker (Education and Human Ecology) |
| Dr. Shilpa Register (Optometry) | |

The Council came to order at 3:00 PM.

REPORTS FOR THE CO-CHAIRS – JAY S. HOBGOOD, AND JAMES W. COGDELL

The Council on Enrollment and Student Progress (CESP) will present in the next meeting changes to policies and rules affecting the student body during the process of changing from quarters to semesters.

Extra meetings will be scheduled starting with late January 2011 to cover the heavy workload currently needing completion.

This Quarter, few Council members have teaching engagements overlapping with the CAA schedule. They will attend the Council meetings late, and some will leave early, so we need to keep attendance up among the other members to make sure we maintain a quorum.

REPORT FROM THE VICE CHAIR – W. RANDY SMITH

- The College of Food Agriculture and Environmental Sciences and the College of Education and Human Ecology have most of the semester proposals ready for review.
- Proposals reviewed by this Council will be on the upcoming University Senate's agenda:
 - Proposal for the Establishment of a Department of Microbial Infection & Immunity;
 - Request for approval of the merger of the departments of Plan Cellular & Molecular Biology and Molecular Genetics into a new department "Molecular Genetics".
 - Proposal to establish the Master's in Mathematical Sciences degree program
 - Proposal to establish the Rural Sociology graduate programs as a specialization within the School of Environmental and Natural Resources
- CIO , Kathy Starkoff, will present to the next Council meeting on the report of the eLearning Strategy Committee and the recommendations of the eLearning Strategic Implementation Committee.
- The College of Medicine agreed to the name change for the proposed Center for Human Brain Imaging to The Center for Cognitive and Behavioral Brain Imaging. The new center will be hosted by the College of Arts and Sciences.

PROPOSAL FROM SUBCOMMITTEE D – PROFESSORS JAMES COGDELL, JAY HOBGOOD, W. RANDY SMITH

- **Semester Conversion: College of Engineering**

This proposal was presented at the July 22, 2010 Council meeting. It addresses curriculum issues that have an impact on all engineering programs. The completed proposal contains the structure of the core engineering courses, the General Education courses, the policy on minors, the policy on BS-MS degrees,

college wide transition policies, the template used for semester conversion and the Memoranda of Understanding between the College of Engineering and other units.

Cogdell moved approval of this proposal; it was seconded by Antani and the motion carried with all in favor.

PROPOSALS FROM SUBCOMMITTEE B – NIRAJ ANTANI, MARILYN BLACKWELL, BARBARA POLIVKA, ROBERT WARD

- **Semester Conversion: Minor in Engineering Education Innovation Center (EEIC), Technological Studies**

Antani presented the proposal. The target population of this minor is the non-engineering student interested in an engineering minor for a better job placement. The transition policy includes detailed explanation of the courses currently not offered under the semester conversion: CE719 Water Quality Modeling and CE771 Nuclear Waste Management.

Antani moved approval of this proposal; it was seconded by Duggineni and the motion carried with all in favor.

- **Semester Conversion: Minor in Environmental Engineering**

Polivka presented the proposal. There are minimal changes in this program. After conversations between the working group of the Subcommittee B and the crafters of this proposal the second learning goal, page CAA 44 of 55, had been changed to its final current version. ENE4200 Unit Operations in Environmental Engineering is a laboratory elective course.

Polivka moved approval of this proposal; it was seconded by Lang and the motion carried with all in favor.

- **Semester Conversion: BS in Biomedical Engineering**

Blackwell presented the proposal. The number of asterisks in the Curriculum Map reflect the amount of content associated with a given program outcome, not the depth of content. Based on this note, many of the program outcomes are met at a more advanced level in courses numbered 2010 through 4510 while 5000-level courses meet fewer of the program outcomes.

Blackwell moved approval of this proposal; it was seconded by Hobgood and the motion carried with all in favor.

- **Semester Conversion: BS in Welding Engineering**

Blackwell presented the proposal. This proposal had minimal changes with a clear transition policy. As a part of the ABET accreditation process, this program has been subjected to annual assessments and continuous improvements since its formation in 2006.

Blackwell moved approval of this proposal; it was seconded by Wolf and carried with all in favor.

- **Semester Conversion: Minor in Biomedical Engineering**

Blackwell presented the proposal. The overall concern that the engineering minors were not getting the same lab work compared to majors was clarified during discussions of the working group of the Subcommittee B with the crafters of this proposal. Ruegsegger explained that the biomedical engineering major students will have a two-week lab experience that includes experimentation, data collection and analysis, and a written and oral technical report; while the biomedical engineering minor students will be given the collected data for analysis, and an alternate assignment of a literature review paper on a similar topic to the content of the lab. The courses in the biomedical engineering minor have pre-requisite of both Engineering and Life science courses which need to be met and interested students are encouraged to perform the data collection too. This issue will be clearly explained in the course syllabus and reviewed to meet the Office of the Registrar specifications.

The enrollment in this minor is relatively small; therefore advising and mentoring sessions will be provided to every student.

Smith acknowledged the success of this relatively new program in Biomedical Engineering Program. Professor Rich Hart, Department Chair, provided a short overview of the program including the number of students pursuing these majors and minors. Since creation of this program in 2006, the enrollments have been doubling every year. There are limitations regarding class and laboratory space, number of faculty and advisors needed for this program; therefore the admission process has to be very selective while maintaining high placement level for graduates.

Blackwell moved the approval of this proposal; it was seconded by Douglas and carried with all in favor.

The meeting adjourned at 3:40 PM.

Respectfully submitted,
W. Randy Smith
Liana Crisan-Vandeborne