MINUTES

February 18, 2004

The College Curriculum Committee met at 10:00 am in the ME conference room (EC 3327).

The Committee members who were present at the meeting (alphabetically):

Dr. Amaury Caballero, Construction Management
Dr. Juan Franquiz, Biomedical Engineering
Dr. Ronald Giachetti, Industrial and Systems Engineering
Dr. Malcolm Heimer, Electrical and Computer Engineering
Dr. Berrin Tansel, Civil and Environmental Engineering
Dr. Sabri Tosunoglu, Mechanical and Materials Engineering

Guests in attendance:

Professor Jack Dye, Construction Management
Ms. Bahavani Jayachandran, Biomedical Engineering

General issues/announcements

[1.0] College wide issues:

[1.1] Catalog Changes:

It was agreed that in order for the catalog to be more consistent across the College, all required catalog changes should be reviewed by the College Curriculum Committee. From now on, all Departments are required to finalize and submit catalog revisions through the College Curriculum Committee. Departmental representatives or a designated rep will be required to make a PowerPoint presentation to explain the changes and rationale behind the proposed changes. Approval of the Committee will ensure a more uniform catalog for the College.
[1.2] **New Course Submittals:**

Prior to submitting a course proposal or course change request, faculty members are advised to coordinate with their Department representatives for guidelines on the required forms and format.

Those faculty members who have submitted a significant number of new course proposals are requested to meet with the Committee to address the common issues raised and finalize their proposals.

[1.3] **Presentations to the Committee:**

For the next Committee meeting, Dr. Alan Carsrod is invited to discuss the new course proposals submitted for the Biomedical Engineering, and Industrial and Systems Engineering Programs.

[1.4] **Status of Old Business Items:**

Committee members are required to consult with their faculty and prepare a report on old business items. Those proposals which are not approved by the end of Spring 2004 will be considered withdrawn and will have to be resubmitted at a later date.

[2.0] **Proposals approved, signed and forwarded to the Dean’s office:**

[2.1] EML 4xxx Introduction to Computational Thermo-Fluids (MME)

[2.2] TCN 5xxx Telecommunication Networking Programming (ECE)

[2.3] BCN 2281 Construction Surveying (CM)

[2.4] BCN 4564 Environmental Control in Buildings II (CM)

[2.5] BCN 4703 Management of Construction Projects (CM)

[2.6] BCN 3240 Construction Equipment (CM)

[2.7] Proposal for Minor in Engineering Science (MME)


[2.9] Proposal for Minor in Mechanical Design (MME)

[2.10] Proposal for Minor in Robotics and Mechatronics (MME)
New Business

[3.0] New course proposals received and tabled:
[3.1] TTE 4XXX Fundamentals of Pavement Design

[4.0] Course revisions received and tabled:
[4.1] ENV 3001 Introduction to Environmental Engineering
[4.2] ENV 3001L Environmental Laboratory
[4.3] TTE 4201 Transportation and Traffic Engineering
[4.4] CGN 4802 Civil Engineering Senior Design Project
[4.5] CWR 3103 Water Resources Engineering
[4.6] ENV 4024 Bioremediation Engineering
[4.7] CGN 2420 Computer Tools for Civil Engineering
[4.8] CCE 4001 Heavy Constructions
[4.9] CGN 4321 GIS Applications in Civil and Environmental Engineering

[5.0] Course deletion requests received and tabled:
[5.1] CES 4101 Indeterminate Structural Analysis

Old Business

[6.0] Course proposals approved subject to modifications:
[6.1] EIN 2xxx Introduction to Industrial and Systems Engineering (ISE)
[6.2] BME 4xxx BME Special Topics/Projects (BME)
[6.3] BME 4xxx Senior Design Project (BME)
[6.4] BME 6xxx Master’s Project (BME)
[6.5]  BME 5xxx  Special Topics: Biomedical Engineering Internship & Co-Op (BME)

[7.0]  **Course proposals for which faculty attendance is requested for further discussions:**

[7.1]  BME 6xxx  BME Creativity and Innovation Principles (BME)
[7.2]  BME 6xxx  Issues in Owning a BME Family Business (BME)
[7.3]  BME 4xxx  BME Business Plan Writing (BME)
[7.4]  BME 4xxx  Entrepreneurship Principles (BME)
[7.5]  BME 6xxx  BME Business Plan Development (BME)
[7.6]  BME 4xxx  New Product Development for BME (BME)

[8.0]  **Course proposals withdrawn:**

[8.1]  BME 6xxx  Supervised Research (BME)

[9.0]  **New degree programs received, heard and tabled by the committee:**

[9.1]  Proposal to Establish PhD in Material Science and Engineering (MME)

[10.0]  **New course proposals received as attachment to the Proposal to Establish PhD in Material Science and Engineering, and remain tabled:**

[10.1]  EMA 6xxx  Mechanical Properties of Polymers (MME)
[10.2]  EMA 6xxx  Polymer Processing (MME)
[10.3]  EMA 6xxx  Transmission Electron Microscopy (MME)
[10.5]  EMA 6xxx  Fundamentals of Materials Processing (MME)
[10.6]  EMA 6xxx  Ceramic Processing (MME)
[10.7]  EMA 6xxx  Nanoparticle Science and Technology (MME)
Proposals to establish a new graduate degree program, track, or academic graduate certificates on hold as requested by the proposing department:

Proposal for Minor in Construction Management (CM)

Graduate Academic Certificate in Disaster Preparedness (CM)

Proposals to establish a new graduate degree program, track, or academic graduate certificates, heard by the committee and approved subject to modifications:

Proposal for Juris Doctorate/Master of Science in Construction Management Joint Degree Program (CM)

Proposal for Minor in Biomedical Engineering for Non-Engineering Majors (BME)

Course change proposals remain tabled pending implementation of requested modifications:

BME 6936 Biomedical Engineering Seminar (BME)

EMA 5584 Biomaterial Science (BME)

New course proposals remain tabled pending the submission of new course summary form:

BME 4xxx Co-op Work Experience (BME)

New course proposals returned to the department for clarification:

EIN 6xxx Technology, Product and Services Development (ISE)

New course proposals returned to the department for revision and inclusion of the new course summary form:

BCN 5xxx Graduate Construction Management Internship (CM)
Course revision requests returned to the department for revision and inclusion of the new course summary form:

- BCN 3720 Construction Scheduling (CM)
- BCN 2402 Structural Design - I (CM)
- BCN 3640 Economic Planning and Construction (CM)

New course proposals approved subject to modifications and pending the submission of new course summary form:

- TCN 6xxx Internetworking (ECE)
- TCN 6xxx Information Theory (ECE)
- EEL 5xxx Introduction to Nanotechnology (ECE)
- EIN 5xxx Statistical Methods for Engineering Design and Analysis (ISE)
- EIN 6xxx Entrepreneurship and New Venture Initiation (ISE)
- EIN 6xxx Business Plan Development (ISE)

Proposals previously approved for changes to a graduate degree program, track or academic graduate certificate subject to modifications:

- Change request to the MS in Engineering Management (ISE)
- Change request to the MS in Technology Management (ISE)

The meeting adjourned at 11:30 am. Next meeting will be held on March 1, 2004 (Monday) at 10:00 a.m. in EC 3665, Civil Engineering Conference Room.

Dr. Sabri Tosunoglu, Chair
Dr. Berrin Tansel, Secretary