MINUTES

October 21, 2004

The College Curriculum Committee met at 11:00 am in the MME conference room, EC 3327. The Committee members who were present at the meeting (alphabetically):

Dr. Amaury Caballero, Construction Management
Dr. Marc Resnick, Industrial and Systems Engineering
Dr. Berrin Tansel, Civil and Environmental Engineering
Dr. Sabri Tosunoglu, Mechanical and Materials Engineering
Dr. Nikolaus Tsoukias, Biomedical Engineering

General issues/announcements

[1.0] General issues:

[1] The committee would like to invite Dr. Alan Carsrud to the next meeting to resolve the issues for the new course proposals.

[2] The proposed language for the Combined MS/MBA Program to be reviewed by the departments and discussed at the next meeting.

New Business

[2.0] Program and catalog change proposals approved:

[2.1] Changes to Mechanical and Materials Engineering Graduate Program (MME)

[2.2] Changes to Construction Management Graduate Program (CM)

[2.3] Civil and Environmental Engineering Graduate Program Change in Admissions Standards (CEE)

[2.4] Civil and Environmental Engineering Graduate Program Change in Ph.D. Program (CEE)
New course proposals approved subject to modifications:

EIN 4XXX Evaluation of Engineering Data II (ISE)
EIN 5XXX Productivity Management in the Global Organization (ISE)

Course change requests approved:

EIN 3235 Evaluation of Engineering Data (ISE)
BCN 3720 Construction Scheduling I (CM)
CWR 3103 Water Resources Engineering (CEE)

Combined BS/MBA proposal tabled for review and comment:

Combined BS/MBA Program in Civil and Environmental Engineering (CEE)

Proposals to establish minors tabled:

Minor in Human Factors Engineering (ISE)
Minor in Manufacturing Systems Engineering (ISE)
Minor in Engineering Management Systems Engineering (ISE)
Minor in Operations Research (ISE)

Proposals for changes to requirements tabled:

Program: Bachelor of Science in Industrial and Systems Engineering (ISE)

Course change proposals tabled:

ESI 3314 Generic Models of Industrial Systems I (ISE)
ESI 4315 Generic Models of Industrial Systems II (ISE)
Old Business

[9.0] **New course proposals approved:**

[9.1] EIN 6XXX Methods for Algorithm Development for Industrial Engineering Applications (ISE)

[9.2] EIN 6XXX Supervised Research (ISE)

[9.3] EIN 7XXX Dissertation (ISE)

[9.4] EIN 5XXX Statistical Methods for Engineering Design and Analysis (ISE)

[9.5] EIN 4XXX Introduction to Engineering Entrepreneurship (ISE)

[9.6] EIN 5XXX Management of Innovation and Technology (ISE)

[9.7] EML 2XXX Programming for Mechanical Engineers (MME)

[9.8] EML 4XXX Robot Design (MME)

[9.9] EML 4XXX Introduction to Nondestructive Testing and Mechanical Health Monitoring (MME)

[9.10] EML 5XXX Advanced Nondestructive Testing and Mechanical Health Monitoring (MME)


[9.12] CES 5XXX Topics in Wind Engineering (CEE)

[9.13] BME 6XXX Optical Spectroscopy (BME)

[9.14] BME 4XXX Introduction to Biomedical Optics (BME)

[9.15] TCN 6XXX Graduate Seminar (ECE)

[10.0] **New course proposals remain tabled:**

[10.1] EIN 1XXX Introduction to Engineering Software Applications (ISE)

[10.2] EIN 4XXX Creativity and Innovation (ISE)

[10.3] EIN 4XXX Technology Product and Service Development (ISE)
[10.4] EIN 6XXX  Technology Product and Service Development (ISE)
[10.5] EML 5XXX High Pressure Materials Science (MME)

[11.0] Course change requests approved:
[11.1] ENV 6070C Pollution Prevention (CEE)

[12.0] ECE course change requests approved:
[12.1] EEL 3110 Circuit Analysis
[12.2] EEL 3111 Circuits I
[12.3] EEL 3111 Circuits Lab
[12.4] EEL 3112 Circuits II
[12.5] EEL 3160 Computer Applications in Electrical Engineering
[12.6] EEL 3303 Electronics I
[12.7] EEL 3303 Electronics I Laboratory
[12.8] EEL 3396 Introduction to Solid State Devices
[12.9] EEL 3657 Control Systems I
[12.10] EEL 3712 Logic Design I Lab
[12.11] EEL 4010 Senior Design I: Ethics, Communications, & Constraints
[12.12] EEL 4140 Filter Design
[12.14] EEL 4213 Energy Conversion Lab
[12.15] EEL 4214 Power Systems II
[12.16] EEL 4215 Power Systems III
[12.17] EEL 4304 Electronics II
[12.18]  EEL 4343 Introduction to Digital Electronics
[12.19]  EEL 4314 Integrated Circuit Laboratory
[12.20]  EEL 4314 Integrated Circuits and Systems
[12.21]  ELR 4202C Medical Instrumentation Design
[12.22]  EEL 4713 Digital Logic Design II
[12.23]  EEL 4611 Control Systems II
[12.24]  EEL 4510 Introduction to Digital Signal Processing
[12.25]  EEL 4410 Introduction to Fields & Waves
[12.26]  EEL 5171 Advanced Systems Theory
[12.27]  EEL 5275 Power Systems Protection
[12.28]  EEL 5348 Digital Electronics
[12.29]  EEL 5482 Fields and Waves Engineering
[12.31]  EEL 5653 Digital Control Systems
[12.32]  EEL 5718 Computer-Communication Network Engineering
[12.33]  EEL 5719 Digital Filters
[12.34]  EEL 5725 Digital Systems Engineering I
[12.35]  EEL 5757 Real-Time Digital Signal Processing Implementations
[12.36]  EEL 5810 Neural Networks-Algorithms and Applications
[12.37]  EEL 6075 Biosignal Processing I
[12.38]  EEL 6141 Advanced Network Analysis
[12.39]  EEL 6273 Power System Stability Control
[12.40]  EEL 6335 Electrical Transport in Semiconductors I
The meeting adjourned at 12:30 am. Next meeting will be held on Thursday, November 18, 2004 at 11:00 am in the MME conference room, EC 3327.

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