MINUTES

October 19, 2004

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

- Dr. Amaury Caballero, Construction Management
- Dr. 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 issue:

To simplify the catalog revision requests, Dr. Sabri Tosunoglu will develop a sample format to be used by the departments.

New Business

[2.0] Catalog revisions tabled and returned for resubmission using the sample format:

- [2.1] Mechanical and Materials Engineering
- [2.2] Construction Management

[3.0] New course proposals tabled:

- [3.1] EIN 5XXX Methods for Algorithm Development for Industrial Engineering Applications (ISE)
- [3.2] EIN 1XXX Introduction to Engineering Software Applications (ISE)
[3.3] EIN 4XXX Creativity and Innovation (ISE)
[3.4] EIN 4XXX Technology Product and Service Development (ISE)
[3.5] EIN 6XXX Technology Product and Service Development (ISE)
[3.6] EIN 5XXX Statistical Methods for Engineering Design and Analysis (ISE)

[4.0] New course proposals approved subject to modifications:
[4.1] EIN 4XXX Introduction to Engineering Entrepreneurship (ISE)
[4.2] EIN 6XXX Management of Innovation and Technology (ISE)
[4.3] EIN 6XXX Supervised Research (ISE)
[4.4] EIN 7XXX Dissertation (ISE)

[5.0] Course change requests approved subject to modifications:
[5.1] ENV 6070C Pollution Prevention (CEE)

[6.0] Course deletion approved:
[6.1] EML 6245 Advanced Tribology (MME)

Old Business

[7.0] ECE course change requests approved subject to modifications:
[7.1] ELR 4202 Medical Instrumentation Design
[7.2] EEL 4949 Co-op Work Experience
[7.3] EEL 4905 Individual Problems in Electrical Engineering
[7.4] EEL 4747 Microcomputers II
[7.5] EEL 4713 Digital Logic Design II
[7.6] EEL 4611 Control Systems II
<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EEL 4510</td>
<td>Introduction to Digital Signal Processing</td>
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<tr>
<td>EEL 4410</td>
<td>Introduction to Fields &amp; Waves</td>
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<tr>
<td>EEL 4343</td>
<td>Introduction to Digital Electronics</td>
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<td>EEL 4314</td>
<td>Integrated Circuits Laboratory</td>
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<td>EEL 4314</td>
<td>Integrated Circuits and Systems</td>
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<td>EEL 4304</td>
<td>Electronics II</td>
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<td>Power Systems III</td>
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<td>EEL 4011</td>
<td>Senior Design II: Project Implementation</td>
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<td>Senior Design I: Ethics, Communications &amp; Constraints</td>
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<td>EEL 4006</td>
<td>Development of Dynamic Web Sites</td>
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<td>Logic Design I Lab</td>
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<td>Introduction to Solid State Devices</td>
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<td>EEL 3160</td>
<td>Computer Applications in Electrical Engineering</td>
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<tr>
<td>EEL 3135</td>
<td>Signals and Systems</td>
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[7.30] EEL 3112 Circuits II
[7.31] EEL 3111 Circuits I Lab
[7.32] EEL 3111 Circuits I
[7.33] EEL 3110 Circuits Analysis
[7.34] EEL 6505 Digital Signal Processing
[7.35] EEL 6395 Applied Superconductivity
[7.36] EEL 6337 Electrical Transport in Semiconductors II
[7.37] EEL 6335 Electrical Transport in Semiconductors I
[7.38] EEL 6273 Power System Stability and Control
[7.39] EEL 6141 Advanced Network Analysis
[7.40] EEL 6075 Biosignal Processing I
[7.41] EEL 5810 Neural Networks-Algorithms and Applications
[7.42] EEL 5757 Real-Time Digital Signal Processing Implementations
[7.43] EEL 5725 Digital Systems Engineering I
[7.44] EEL 5719 Digital Filters
[7.45] EEL 5718 Computer-Communication Network Engineering
[7.46] EEL 5653 Digital Control Systems
[7.48] EEL 5482 Fields and Waves Engineering
[7.49] EEL 5348 Digital Electronics
[7.50] EEL 5275 Power Systems Protection
[7.51] EEL 5171 Advanced Systems Theory
New course proposals approved subject to modifications:

- EML 2XXX Programming for Mechanical Engineers (MME)
- EML 4XXX Robot Design (MME)
- EML 4XXX Introduction to Nondestructive Testing and Mechanical Health Monitoring (MME)
- EML 5XXX Advanced Nondestructive Testing and Mechanical Health Monitoring (MME)
- EMA 5XXX Nanoscale Computer Modeling of Materials (MME)
- CES 5XXX Topics in Wind Engineering (CEE)
- BME 6XXX Optical Spectroscopy (BME)
- BME 4XXX Introduction to Biomedical Optics (BME)
- TCN 6XXX Graduate Seminar (ECE)

New course proposals remain tabled:

- EML 5XXX High Pressure Materials Science (MME)

The meeting adjourned at 12:30 am. Next meeting will be held on Thursday, October 21, 2004 at 11:00 am.

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