PROPOSALS APPROVED, SIGNED AND FORWARD TO THE DEAN’S OFFICE

COLLEGE CURRICULUM COMMITTEE
COLLEGE OF ENGINEERING

2004-2005

PERMANENT COURSE NUMBERS RECEIVED:

Note: Permanent course numbers are not sent back to the curriculum committee on a regular basis. Sometimes only the individual department or faculty contact is notified, sometimes a copy is forwarded to the committee chair. The following lists course numbers received by the committee chair. To inquire about a specific course, contact faculty senate office or the registrar’s office.

BCN 5792 Total Quality Management & Planning in Construction (CM)
EGN 5439 Design of Tall Buildings (CEE)
EIN 6910 Supervised Research (ISE)
EIN 7980 Dissertation (ISE)
EMA 5017 Nanoparticle Technology (MME)
EMA 5018 Nanoscale Modeling of Materials (MME)
EMA 5605 Fundamentals of Materials Processing (MME)
EMA 6264 Mechanical Properties of Polymers (MME)
EMA 6449 Electronic Properties of Ceramic Materials (MME)
EMA 6518 Transmission Electron Microscopy (MME)
EMA 6646 Ceramic Processing (MME)
EMA 6665 Polymer Processing and Engineering (MME)
EML 2032 Programming for Mechanical Engineers (MME)
EML 4081 Introduction to Nondestructive Testing and Mechanical Health Monitoring (MME)
EML 4721 Introduction to Computational Thermo-Fluids (MME)
EML 4809 Robot Design (MME)
EML 5082 Advanced Nondestructive Testing and Mechanical Health (MME)
ESI 5456 Productivity Management in the Global Organization (ISE)

**EXPERIMENTAL COURSES FOR FALL 2005**


EML 1XXX Introduction to CAD for Mechanical Engineers (MME), experimental course for Fall 2005, Wei-Yu Bao, 6/22/2005.

**EXPERIMENTAL COURSES FOR SUMMER 2005**

EML 1XXX Introduction to CAD for Mechanical Engineers (MME), experimental course for Summer 2005, Wei-Yu Bao, 3/21/2005.

EML 2XXX Programming for Mechanical Engineers (MME), experimental course for Summer 2005, Wei-Yu Bao, 04/13/2005. No need to establish as experimental; permanent course number received: EML 2032.


**SPRING 2005**

ELR 4202 Medical Instrumentation Design (ECE), course change proposal to change prerequisites, Malcolm Heimer, 1/10/2005.


EIN 1XXX Introduction to Engineering Software Applications (ISE), Joe Chow, 1/10/2005.


EIN 4XXX Introduction to Technology Entrepreneurship, (ISE), new course proposal, Alan Carsrud, 1/10/2005.

EIN 6XXX Advanced Engineering Business Plan Development (ISE), new course proposal, Alan Carsrud, 1/10/2005.

Minor in Manufacturing Systems Engineering (ISE), addition of a minor for non-majors, Ching-Shen Chen, 1/10/2005.


Minor in Engineering Management (ISE), addition of a minor for non-majors, Ching-Shen Chen, 1/10/2005.

Industrial and Systems Engineering (ISE), undergraduate catalog change to add new minors for non-majors, Martha Centeno, 1/15/2005.

Industrial and Systems Engineering (ISE), undergraduate program change to add a new course, Martha Centeno, 1/15/2005.

Master of Science in Industrial Systems Engineering (ISE), graduate program change proposal, Chin-Sheng Chen, 1/20/2005.

Master of Science in Industrial Systems Engineering (Manufacturing Engineering Track) (ISE), graduate program change proposal, Chin-Sheng Chen, 1/20/2005.

Master of Science in Industrial Systems Engineering (Information Systems Track) (ISE), graduate program change proposal, Chin-Sheng Chen, 1/20/2005.

PhD in Industrial and Systems Engineering (ISE), graduate program change proposal, Chin-Sheng Chen, 1/20/2005.

BS Biomedical Engineering, undergraduate program change proposal to add a minor for non-engineering majors, Anthony McGoron, 1/21/2005.
Biomedical Engineering (BME), undergraduate program change proposal to change grade requirement for prerequisite courses, Richard Schoephoerster, 1/21/2005.

Biomedical Engineering (BME), undergraduate program change proposal to add seminar requirement, Richard Schoephoerster, 1/21/2005.


EEL 6XXX Spectral Analysis (ECE), new course proposal, Frank Candocia, 1/31/2005.

EML 1XXX Introduction to CAD for Mechanical Engineers (MME), new course proposal, Wei-Yu Bao, 3/21/2005 (was experimental; check).

EML 3XXX Simulation Software for Mechanical Engineers (MME), new course proposal, Diana Rincon, 4/04/2005.

BS/MS in Electrical Engineering, ECE, Undergraduate Program/Catalog Change Request, Kang Yen, 4/14/2005.

BS/MS in Computer Engineering, ECE, Undergraduate Program/Catalog Change Request, Kang Yen, 4/14/2005.

BS in Electrical Engineering/MS in Telecommunications and Networking, ECE, Undergraduate Program/Catalog Change Request, Niki Pissinou, 4/14/2005.

BS/MS in Electrical Engineering, ECE, Graduate Program/Catalog Change Request, Kang Yen, 4/14/2005.

BS/MS in Computer Engineering, ECE, Graduate Program/Catalog Change Request, Kang Yen, 4/14/2005.

BS in Electrical Engineering/MS in Telecommunications and Networking, ECE, Graduate Program/Catalog Change Request, Niki Pissinou, 4/14/2005.

EML 4721 Introduction to Computational Thermo-Fluids, new course number received, April 2005.

Graduate Certificate in Mechanical Engineering, MME, new graduate certificate program, Yiding Cao, 4/18/2005.

Graduate Certificate in Mechanical Engineering, MME, graduate program-catalog change proposal, Sabri Tosunoglu, 4/18/2005.

EGM 5346 Computational Engineering Analysis, MME, course change request, change of prerequisites, Cesar Levy, 4/20/2005.

EGM 5354 Finite Element Method Applications in Mechanical Engineering, MME, course change request, change of prerequisites, Sukky Jun, 4/20/2005.

EML 3222 System Dynamics, MME, course change request, change of prerequisites, Cesar Levy, 4/20/2005.


EML 4140 Heat Transfer, MME, course change request, change of prerequisites, Yong Tao, 4/20/2005.

EML 4220 Mechanical Vibrations, MME, course change request, change of prerequisites, Cesar Levy, 4/20/2005.


EML 4721 Introduction to Computational Thermo-Fluids, MME, course change request, change of prerequisites, George Dulikravich, 4/20/2005.

EML 5615C Computer-Aided Design in Air Conditioning, MME, course change request, change of prerequisites, Yong Tao, 4/20/2005.

**EXPERIMENTAL COURSES FOR SPRING 2005**


BME 4XXX Biomedical Engineering Co-op (BME), experimental course for Spring 2005, Schoephoerster, 10/19/2004.


FALL 2004

BME 4XXX Introduction to Biomedical Optics (BME), new course proposal, Godavarty, 10/19/2004.

BME 6XXX Optical Spectroscopy (BME), new course proposal, Lin, 10/19/2004.

CES 5XXX Topics in Wind Engineering (CEE), new course proposal, Forrest Masters, 10/20/2004.

EML 2XXX Programming for Mechanical Engineers (MME), new course proposal, Ibrahim Tansel, 10/20/2004. Permanent course number: EML 2032.


EML 4XXX Robot Design (MME), new course proposal, Sabri Tosunoglu, 10/20/2004. Permanent course number: EML 4809.

TCN 6XXX Graduate Seminar (ECE), Niki Pissinou, 10/21/2004.

BCN 2210 Construction Materials (CM), course change request, Gene Farmer, 10/20/2004.

BCN 2256 Building Construction Drawing II (CM), course change request, Gene Farmer, 10/20/2004.

BCN 2272 Plans Interpretation (CM), course change request, Gene Farmer, 10/20/2004.

BCN 2402 Structural Design I (CM), course change request, Gene Farmer, 10/20/2004.


BCN 3727 Construction Sitework (CM), course change request, Gene Farmer, 10/20/2004.

BCN 3761 Construction Documentation and Communication (CM), course change request, Gene Farmer, 10/20/2004.

BCN 3762 Building Codes and Quality Control (CM), course change request, Gene Farmer, 10/20/2004.

BCN 4431 Structural Design II (CM), course change request, Gene Farmer, 10/20/2004.

BCN 4462 Structural Design III (CM), course change request, Gene Farmer, 10/20/2004.


EML 4220 Mechanical Vibrations (MME), course change request, Cesar Levy, 10/20/2004.


EML 6245 Advanced Tribology (MME), course change request (course deletion), Arvind Agarwal, 10/20/2004.

Changes to Mechanical and Materials Engineering Graduate Program (MME), Arvind Agarwal, 10/21/2004.
ENV 6070C Pollution Prevention (CEE), course change request (new title Green Engineering), Hector Fuentes, 10/22/2004.


BCN 3720 Construction Scheduling I (CM), course change request, Gene Farmer, 10/22/2004.


Changes to Construction Management Graduate Program (CM), Syed Ahmed, 10/22/2004.


EIN 5XXX Management of Innovation and Technology (ISE), new course proposal, Shih-Ming Lee, 10/22/2004.

EIN 6XXX Methods for Algorithm Development for Industrial Engineering Applications (ISE), new course proposal, Kia Makki, 10/22/2004.


EIN 4XXX Evaluation of Engineering Data II (ISE), new course proposal, Martha Centeno, 10/22/2004.

Civil and Environmental Engineering Graduate Program Change in Admissions Standards (CEE), Albert Gan, 10/22/2004.

Civil and Environmental Engineering Graduate Program Change in Ph.D. Program (CEE), Albert Gan, 10/22/2004.

EEL 3110 Circuit Analysis (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 3111 Circuits I (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 3111 Circuits Lab (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 3112 Circuits II (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 3160 Computer Applications in Electrical Engineering (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 3303 Electronics I (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 3303 Electronics I Laboratory (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 3396 Introduction to Solid State Devices (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 3657 Control Systems I (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 3712 Logic Design I Lab (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4010 Senior Design I: Ethics, Communications, and Constraints (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4140 Filter Design (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4213 Power Systems I (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4213 Energy Conversion Lab (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4214 Power Systems II (ECE), course change request, Osama Mohammed, 10/26/2004.
EEL 4215 Power Systems III (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4304 Electronics II (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4343 Introduction to Digital Electronics (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4314 Integrated Circuit Laboratory (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4343 Introduction to Digital Electronics (ECE), course change request, Osama Mohammed, 10/26/2004.

ELR 4202C Medical Instrumentation Design (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4713 Digital Logic Design II (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4611 Control Systems II (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4510 Introduction to Digital Signal Processing (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 4410 Introduction to Fields & Waves (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 5171 Advanced Systems Theory (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 5275 Power Systems Protection (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 5348 Digital Electronics (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 5482 Fields and Waves Engineering (ECE), course change request, Osama Mohammed, 10/26/2004.


EEL 5718 Computer-Communication Network Engineering (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 5719 Digital Filters (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 5725 Digital Systems Engineering I (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 5757 Real-Time Digital Signal Processing Implementations (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 5810 Neural Networks-Algorithms and Applications (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 6075 Biosignal Processing I (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 6141 Advanced Network Analysis (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 6273 Power System Stability Control (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 6335 Electrical Transport in Semiconductors I (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 6337 Electrical Transport in Semiconductors II (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 6395 Applied Superconductivity (ECE), course change request, Osama Mohammed, 10/26/2004.

EEL 6505C Digital Signal Processing (ECE), course change request, Osama Mohammed, 10/26/2004.