EELE 203. Circuits II for Engineering. 4 Credits. (3 Lec, 1 Lab) F,S,Su
PREREQUISITE: EELE 201, M 274. Natural and forced response of R-L-C circuits, frequency response of R-L-C circuits and Bode plots, frequency response, slew-rate and DC imperfections of real op-amps; Laplace Transform, Fourier series and Fourier Transform techniques in circuit analysis; basic R-L-C and op-amp filters; two port networks.

EELE 250. Circuits, Devices and Motors. 4 Credits. (3 Lec, 1 Lab) F,S,Su
PREREQUISITE: EELE 261 Advanced combinational and sequential logic design. Laboratory experience in assembly level programming of microprocessor and logic units, processor control, interrupts, memories, and input/output. Hardware Description Languages (HDLs), design and simulation of digital systems using HDLs, and digital system implementation with programmable logic devices.

EELE 261. Intro To Logic Circuits. 4 Credits. (3 Lec, 1 Lab) F,S,Su
An introductory course in the fundamental concepts of classical digital design. Course covers design and implementation of combinational logic circuits, synchronous sequential circuits and information storage circuits. Basic concepts of Hardware Description Languages (HDLs), design and simulation of digital systems using HDLs, and digital system implementation with programmable logic devices are presented.

EELE 371. Microprocess HW and SW Systems. 4 Credits. (3 Lec, 1 Lab) F,S
PREREQUISITE: EELE 261 and knowledge of a programming language or consent of instructor. Introduction to the structure of microprocessors, arithmetic and logic units, processor control, interrupts, memories, and input/output. Laboratory experience in assembly level programming of microprocessor applications.

EELE 376. Logic Design. 4 Credits. (3 Lec, 1 Lab) S,Su
PREREQUISITE: EELE 261 Advanced combinational and sequential logic design. Hardware descriptive language (HDL) programming knowledge. Laboratory experience implementing advanced logic designs using FPGAs.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.