

# EEE: Electrical And Electronic Engineering Courses

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## Courses

EEE 3308 Electronic Circuits I

3 sh (may not be repeated for credit)

Prerequisite: EEE 3308L\* AND EEL 3111 AND EGN 3204

Fundamentals of analog electronic circuits and systems. A grade of "C" or better is required in the prerequisites. Credit may not be received in both EEE 3308 and EEL 3304.

EEE 3308L Electronics Laboratory

1 sh (may not be repeated for credit)

Prerequisite: EEE 3308\* AND EEL 3111L

Electronic instrumentation devices and systems. Material and supply fee will be assessed. A grade of "C" or better is required in the prerequisites. Credit may not be received in both EEE 4308L and EEL 4304L.

EEE 3396 Solid-State Electronic Devices

3 sh (may not be repeated for credit)

Prerequisite: (EEL 3111) AND (CHM 2045 OR CHM 1045 OR CHM 1045C)

Introduction to the principles of semiconductor electron device operation. A grade of "C" or better is required in the prerequisite.

EEE 4306 Electronic Circuits II

3 sh (may not be repeated for credit)

Prerequisite: EEE 3308/L AND EEE 4306L\* AND EEL 3112

Design-oriented continuation of EEL 3304C; feedback on am circuits and applications, digital electronics. A grade of "C" or better is required in the prerequisites.

EEE 4306L Electronic Circuits II Laboratory

1 sh (may not be repeated for credit)

Prerequisite: EEE 3308/L AND EEE 4306\* AND EEL 3112

Electronic Circuits II laboratory. A grade of "C" or better is required in the prerequisites. Material and Supply fee will be assessed. Credit may not be received in both EEE 4306L and EEL 4306L.

EEE 4310 VLSI Circuit Design

3 sh (may not be repeated for credit)

Prerequisite: ((EEE 3308 AND EEL 3701)) AND (CHM 2045 OR CHM 1045 OR CHM 1045C)

Analysis and design of digital circuits using MOS and bipolar devices.

\* This course may be taken prior to or during the same term.