

MINOR IN ELECTRICAL AND COMPUTER ENGINEERING

Offered and administered by the School of Electrical and Computer Engineering

EDUCATIONAL OBJECTIVES

The School of Electrical and Computer Engineering offers a minor to students who wish to complement their major by obtaining a background in Electrical and Computer Engineering. The minor offers the opportunity to study analog and digital circuits, signals and systems, electromagnetic, and additionally specialize at higher levels in one of several different areas such as circuit design, electronic devices, communications, computer engineering, networks, or space engineering.

REQUIRED COURSES

Any two of the following:

ECE/ENGRD 2100	Introduction to Circuits for Electrical and Computer Engineers
ECE 2200	Signals and Information
ECE/ENGRD 2300	Digital Logic and Computer Organization

Any two of the following:

ECE 3030	Electromagnetic Fields and Waves
ECE/ENGRD 3100	Introduction to Probability and Random Signals (<i>Previously ECE 320</i>)
ECE 3140/CS 3420	Computer Organization
ECE 3150	Introduction to Microelectronics
ECE 3250	Mathematics of Signal and System Analysis

*One other technical ECE lecture course at the 3000 level or above (minimum of 3 credits).
NOTE: ECE 3400 can't be used for this requirement.*

One other technical ECE lecture course at the 4000 level or above (minimum of 3 credits).

ACADEMIC STANDARDS

The grade point averages for courses used to satisfy the Electrical and Computer Engineering minor must meet the same requirements as the Electrical and Computer Engineering major; a grade of C- or better is required for every course in the minor and a cumulative GPA of at least 2.3 is required for all courses in the minor. At least 6 Electrical and Computer Engineering courses with a minimum of 3 credits each are required.

Student Name: _____ CUID#: _____

Email Address: _____ Phone: _____

Major Field: _____ Expected Grad. Date: _____

Year of Engineering Handbook used for verification of the ECE minor: _____

LIST THE CLASSES YOU ARE USING FOR THE ECE MINOR

Note: The minor must be offered by a department other than that which offers your engineering major(s) and is contingent upon successful completion of the Bachelor of Science degree requirements.

<u>Department /Course Number</u>	<u>Semester/Year Completed</u>	<u>Credits & Grade</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please return this completed form to 222 Phillips Hall.

By submitting this information, you certify that the data supplied on this form is accurate and complies with the terms of the ECE minor program.

Signature: _____ Date: _____

Department Signature: _____