MINOR IN ELECTRICAL ENGINEERING

REQUIREMENTS

The curriculum consists of prerequisite, core, and elective courses. Excluding prerequisite courses, 17 credits are required for the minor; at least 9 of those credits must be in courses not required, but could be taken as electives, for the major.

Students must have a 2.2 GPA or above in required and elective ECE courses taken for the minor in order to fulfill minor requirements.

Code	Title	Credits
Prerequisites		
The following courses must be completed before beginning the minor:		
APSC 2113	Engineering Analysis I [1]	
PHYS 1022	University Physics II [1]	
or PHYS 1026	University Physics II with Biological Applications	
Required core		
ECE 2110	Circuit Theory	
ECE 2115	Engineering Electronics	
ECE 2210	Circuits, Signals, and Systems	
Electives		
Two of the following:		
ECE 3125	Analog Electronics Design	
ECE 3130	Digital Electronics and Design [1]	
ECE 3220	Introduction to Digital Signal Processing [1]	
ECE 3315	Fields and Waves I [1]	
ECE 3410	Communications Engineering [*]	
ECE 3520	Microprocessors: Software, Hardware, and Interfacing [1]	
ECE 4415	Introduction to Computer Networks [2]	
ECE 4425	Data Communications Laboratory [2]	
ECE 4610	Electrical Energy Conversion	
ECE 4620	Electrical Power Systems	
ECE 4710	Control Systems Design [1]	

[1] Requires additional prerequisites.

[2] ECE 4415 Introduction to Computer Networks and ECE 4425 Data Communications Laboratory must be taken concurrently.