

Minor in Electrical Engineering

The Minor in Electrical Engineering consists of 16 credit hours representing fundamental areas of knowledge in the field of Electrical Engineering. Undergraduate students interested in the minor in Electrical Engineering must select the coursework with an advisor in order to receive the minor. The main objective of the program is to offer interested students with GPAs of 3.00 or above in any field of study other than Electrical Engineering, the opportunity to enhance their capabilities in their own profession by developing expertise in an area of high demand. These courses generally have prerequisites, and their enrollment will need approval by the Electrical and Computer Engineering Department.

Minor Program Courses

Code	Title	Hours
Required Courses:		
ECE 2301	Electric Circuits I	3
ECE 2303 & ECE 2102	Digital Systems Design I and Lab for ECE 2302	4
Prescribed Electives		
Select at least 9 hours from the following:		9
ECE 1300 & ECE 1100	Intro to Electr/Comp Eng and Lab for ECE 1300	
ECE 2331	Cont. Time Signals & Systems	
ECE 2303 & ECE 2103	Digital Systems Design I and Lab for ECE 2303	
ECE 3320	Electromagnetic Field Theory	
ECE 3344	Fund. of Semiconductor Dev	
ECE 3341 & ECE 3141	Electronics I and Lab for ECE 3341	
ECE 3342	Electronics II	
ECE 3331	Discrete Time Signals & Sys	
ECE 3XXX/ECE 4XXX, Optional by Department Approval (at most 4 hours)		