

# Minor in Electrical Engineering

---

The program consists of 15 credit hours in EE courses, with at least 6 credits in the Upper Division, representing fundamental areas of knowledge in the field of Electrical Engineering. Undergraduate students from other major fields must select the coursework mostly from the Required Courses List below in order to receive a minor in EE. 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 competency in a high technology field, while simultaneously adding a minor to their academic achievements. These courses generally have prerequisites, and their enrollment will need approval by the Electrical and Computer Engineering Department.

## Required Courses

Code	Title	Hours
Must select five from the list with at least 6 credit hours from EE 3XXX or EE 4XXX		
EE 2350	Electric Circuits I	3
EE 2351	Electric Circuits II	3
EE 2353	Cont. Time Signals & Systems	3
EE 2369 & EE 2169	Digital Systems Design I and Laboratory for EE 2369	4
EE 2372	Software Design I	3
EE 3321	Electromagnetic Field Theory	3
EE 3329	Fund. of Semiconductor Dev	3
EE 3338 & EE 3138	Electronics I and Lab for Electrical Engr 3338	4
EE 3340	Electronics II	3
EE 3353	Discrete Time Signals & System	3
EE 3376 & EE 3176	Microprocessor Systems I and Laboratory For EE 3376	4
EE 3384	Intro to Prob. w/ App. in ECE	3
EE 33XX/EE 43XX Optional by Department Approval		