

ELECTRICAL ENGINEERING - UNDERGRADUATE MINOR

(21-24 Credits)

The Electrical Engineering minor is not available to students majoring in Electrical Engineering.

Prefix	Title	Credits
Prerequisites (all may be transferred)		
MATH 1511G	Calculus and Analytic Geometry I	4
MATH 1521G	Calculus and Analytic Geometry II	4
Lower Division (all may be transferred)		
ENGR 120	DC Circuit Analysis	4
ENGR 130	Digital Logic	4
ENGR 230	AC Circuit Analysis	4
Upper Division (no transfer credit accepted)		
<i>E E Elective (Select three of the following)¹</i>		9-12
E E 320	Signals and Systems I	
E E 317	Semiconductor Devices and Electronics I	
E E 325	Signals and Systems II	
E E 333	AC Circuit Analysis and Introduction to Power Systems	
E E 340	Fields and Waves	
E E 362	Introduction to Computer Organization	
E E 412	ASIC Design	
E E 431	Power Systems II	
E E 432	Power Electronics	
E E 443	Mobile Application Development	
E E 458	Hardware Security and Trust	
E E 460	Space System Mission Design and Analysis	
E E 462	Computer Systems Architecture	
E E 467	ARM SOC Design	
E E 473	Introduction to Optics	
E E 480	Introduction to Analog and Digital VLSI	
Total Credits		21-24

¹ Some of the E E Electives have additional pre-requisites