Electrical and Computer Engineering

Course Offering Plan for Required Courses in ECE Majors

Courses marked with "X" will be offered in the corresponding terms, barring unforeseen circumstances.

Course Numbers	Course Name	Fall Semesters	Spring Semesters	Summer Semesters
ECGR 2105	Computer Programming	X	X	X
ECGR 2111	Network Theory I	X	X	X
ECGR 2112	Network Theory II	X	X	X
ECGR 2112L	Networks Lab	X	X	X
ECGR 2181	Logic Systems Design	X	X	X
ECGR 2181L	Logic Systems Design Lab	X	X	X
ECGR 2254	Analytical Foundations of Electrical and Computer Engineering	X	X	X
ECGR 3101	Embedded Systems	X	X	
ECGR 3101L	Embedded Systems Lab	X	X	
ECGR 3111	Signals and Systems	X	X	X
ECGR 3112	System Analysis II	X	X	
ECGR 3120	Electromagnetic Fields and Waves	X	X	
ECGR 3123	Data Communications & Networking		X	X
ECGR 3130	Fundamentals of Electronics and Semiconductors	X	X	X
ECGR 3130L	Electronics Lab	X	X	X
ECGR 3142	Electrical Energy Conversion	X	X	
ECGR 3142L	Electrical Energy Conversion Lab	X	X	
ECGR 3157	Electrical and Computer Engineering Junior Design	X	X	X
ECGR 3180	Data Structures and Algorithms in C++	X		X
ECGR 3183	Computer Organization	X	X	
ECGR 4241	Electrical Engineering Senior Design I	X	X	
ECGR 4251	Computer Engineering Senior Design I	X	X	
ECGR 4242	Electrical Engineering Senior Design II	X	X	
ECGR 4252	Computer Engineering Senior Design II	X	X	
ENGR 3295	Multidisciplinary Professional Development	X	X	