Electrical Engineering (EE) Required Courses
Mapping of Student Learning Outcomes to Program Outcomes

(X= Relevant; XX= Major Emphasis)

Course	1	2	3	4	5	6	7
EE 210	XX					X	
EE 300	XX	X				XX	
EE 310	XX	X			X	XX	X
EE 330	X				X	X	
EE 330L		X	X		XX	XX	X
EE 340	XX		X				XX
EE 380	XX	XX					X
EE 410	XX					XX	
EE 420	XX	XX				X	
EE 430	XX	XX	X	X		X	
EE 440	XX		X			X	
EE 450	XX					XX	
EE 490A	X	X	X	X	X	X	X
EE 490B	X	X	X	X	X	X	X
CompE 160	XX	X					X
CompE 270	X	X				X	
CompE 271	X					X	X
CompE 375	X	XX	X			XX	X

Electrical Engineering Program Outcomes (POs)

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.