

All courses required for graduation →
 Number of Units →

	MATH 114	MATH 115	MATH 116	MATH 214	MATH 215	MATH 224	CHM132/L or CHM 115	PHY131/L	PHY132/L	PHY 133/L	EGE481	EGE482	EGE 169/L	EGE 174/L	EGE 204/L	EGE 205/L	EGE 207/L	EE 209/L	EGE 220/L	EGE 256 or 257	EGE 302	EGE 306/L	EGE 307	EGE 309/L	EGE 310/L	EGE 315	EGE 320/L	EGE 330	EGE 341/L	EGE 485/L	EGE 464	EGE 467	Upper Div. Tech. Elective I	Upper Div. Tech. Elective II	Upper Div. Tech. Elective III	Upper Div. Tech. Elective IV	Upper Div. Tech. Elective V	Area A1	Area A2 GE	Area A3 GE	Area B2 GE	Area C1 GE (4 units)	Area C2 GE (4 units)	Area C3 GE (4 units)	Area C4 GE (4 units)	Area D1 GE	Area D2 GE	Area D3 GE (4 units)	Area D4 GE (4 units)	Area D5 GE (4 units)	Area E GE (4 units)	
Accreditation Student Outcome A Apply math, sci and engineering knowledge	I	I	I	D	D	D	I	I	I	I	M	M	I	I	I	I	I	I	I	I	D	D	D	D	D	D	D	D	D	D	D	D	M	M	M	M	M	M														
Accreditation Student Outcome B Experiments, analyze and interpret data								I	I	I			I	I	I	I	I	I	I	I		D	D	D	D								M	M	M	M	M	M														
Accreditation Student Outcome C Design systems or components to meet needs within constraints											M	M	I	I	I	I						D										M	M	M	M	M	M															
Accreditation Student Outcome D Work in multidisciplinary teams											M	M	I				I															M	M	M	M	M	M												I			
Accreditation Student Outcome E Identify, formulate, solve engineering problems											M	M	I	I	I	I	I	I	I	I	D	D	D	D	D	D	D	D	D	D		M	M	M	M	M	M															
Accreditation Student Outcome F Professional ethics																						D										D																				
Accreditation Student Outcome G Communicate effectively											M	M		I	I	I	I														D	M	M	M	M	M	M															
Accreditation Student Outcome H Breadth for understanding engineering in many contexts	I	I	I	I	I	I	I	I	I	I			I	I																	D																					
Accreditation Student Outcome I Life long learning											M	M																				M	M	M	M	M	M															
Accreditation Student Outcome J Knowledge of contemporary issues											M	M																				D																				
Accreditation Student Outcome K Use modern engineering skills & tools for practice											M	M	I	I	I	I	I	I	I	I	D	D	D	D	D	D	D	D	D	D		M	M	M	M	M	M															
Program Objective 1 Graduate students who are successfully practicing in the EE profession with solid theoretical and hands-on knowledge of circuits, electronics, computer software, hardware, control systems, communications, and electrical power	I	I	I	I	I	I	I	I	I	I	M	M	I	I	I	I	I	I	I	I	D	D	D	D	D	D	D	D	D	M	D	M	M	M	M	M	M															
Program Objective 2 Contribute to society through their undergraduate preparation, whether they work in the engineering profession or they decide to pursue an alternate career											M	M	I	I	I	I						D	D								D	M	M	M	M	M	M															
Program Objective 3 Pursue personal success by way of ethical and responsible behavior											M	M										D										D		M	M	M	M	M														
Program Objective 4 Understand the challenges of a dynamically and globalized changing world and are willing to adapt their skills through continuous learning and self improvement											M	M	I	I	I																D		M	M	M	M	M															
Program Outcome 5 Master effective communication skills to obtain success either working individually or within a team environment											M	M	I	I	I	I	I														D	M	M	M	M	M	M															
GE Area A1-Oral Communication 4 units																																																				
GE Area A2-Written Communication 4 units																																																				
GE Area A3-Critical Thinking 4 units																																																				
GE Area B1-Physical Science 4 units							I	I																																												

