

# ELECTRICAL ENGINEERING

## Sample Graduation Plan† with ENEE150 & ENEE200

		Semester	
		I	II
<b>FIRST YEAR</b>			
CHEM 135	General Chemistry	3	
PHYS 161	General Physics		3
MATH 140/141	Calculus I/II	4	4
ENES 100	Intro/Eng. Design	3	
ENEE140	Intro to Programming Concepts for Engineering	2	
ENEE 150	Intermediate Programming Concepts for Engineers		3
ENGL101	Introduction to Writing	3	
CORE‡	General Education Courses		3
Total Credits		15	13
<b>SOPHOMORE YEAR</b>			
MATH 241	Calculus III	4	
MATH 246	Differential Equations		3
PHYS 260 & 261	General Physics II	4	
PHYS 270 & 271	General Physics III		4
ENEE 241	Numerical Techniques in Engineering	3	
ENEE 244	Digital Logic Design	3	
ENEE 204	Basic Circuit Theory		3
ENEE 206	Fundamental Electrical & Digital Circuits Lab		2
ENEE 200⊛	Social & Ethical Dimensions of ECE Technology		3
CORE‡	General Education Courses	3	
Total Credits		17	15
<b>JUNIOR YEAR</b>			
MATH 4xx*	Advanced Elective Math		3
ENEE 303	Analog and Digital Electronics	3	
ENEE 307	Electronics Circuits Design Lab	2	
ENEE 313	Introduction to Device Physics		3
ENEE 322	Signal and System Theory	3	
ENEE 324	Engineering Probability		3
ENEE 350	Computer Organization		3
ENEE 380	Electromagnetic Theory	3	
ENEE 381	Electromagnetic Wave Propagation		3
CORE‡	General Education Courses	3	
Total Credits		14	15
<b>SENIOR YEAR</b>			
Technical Electives	General Technical Electives	3	6
Technical Electives	Required EE Electives	7	6
ENGL393	Junior English	3	
CORE‡	General Education Courses	3	3
Total Credits		16	15

† The minimum number of credits required to earn a degree is 120 credits.

\* Must come from the list of courses approved for the Non-EE Technical Elective Requirement.

‡ Schedule assumes one CORE class satisfies the CORE Cultural Diversity requirement.

⊛ Schedule assumes ENEE200 used as a CORE IE to satisfy distributive studies requirements.