

NAME:

STUDENT #:

ELECTRICAL ENGINEERING PROGRAM					
Course Name	Previous #	Course #	Term	Grade	CHECK
Structure and Modelling in Chemistry		CHEM 1300 (3)			
Computer Programming for Scientists and Engineers		COMP 1012 (3)			
Engineering Design	130.140 (4)	ENG 1430 (3)			
Introduction to Statics	130.135 (4)	ENG 1440 (3)			
Introduction to Electrical and Computer Engineering	130.118 (4)	ENG 1450 (3)			
Introduction to Thermal Sciences		ENG 1460 (3)			
Classical and Linear Algebra		MATH 1210 (3)			
Applied Calculus 1		MATH 1510 (3)			
Applied Calculus 2		MATH 1710 (3)			
Physics 1		PHYS 1050 (3)			
<i>Written English Course for Engineering Students (3)</i>	ENGL 1400 (3)				

Ecology, Technology, and Society	24.369	ANTH 2430 (3)			
Engineering Economics	CIVL 4050	ENG 3000 (3)			
Engineering Communications	ENG 2010	ENG 2030 or ENG 2040 (3)			
Engineering Mathematical Analysis 1	MATH 2100 (4)	MATH 2130 (3)			
Engineering Mathematical Analysis 2	MATH 2110 (4)	MATH 2132 (3)			
Engineering Mathematical Analysis 3	MATH 3100 (3)	MATH 3132 (3)			
Modern Physics for Engineers		PHYS 2152 (3)			
Modern Statistics for Engineers	5.250	STAT 2220 (3)			
Electronics 2E		ECE 2160 (5)			
Digital Logic		ECE 2220 (5)			
Numerical Methods for Electrical Engineers		ECE 2240 (4)			
Electric Circuits	ECE 2260	ECE 2262 (4)			
Advanced Circuit Analysis and Design		ECE 3540 (4)			
Foundations of Electromagnetics		ECE 3580 (4)			
Electromagnetic Theory		ECE 3590 (4)			
Physical Electronics		ECE 3600 (4)			
Microprocessing Systems		ECE 3610 (4)			
Electronics 3E		ECE 3670 (4)			
Electric Power and Machines		ECE 3720 (4)			
Principles of Embedded Systems Design		ECE 3730 (4)			
Signal Processing 1		ECE 3780 (4)			
Control Systems		ECE 4150 (4)			
Communication Systems		ECE 4260 (4)			
Group Design Project		ECE 4600 (6)			
<i>Compl. Studies Elective (3) [1 of 2]</i>					
<i>Compl. Studies Elective (3) [2 of 2]</i>					

GENERAL PROGRAM ELECTIVES	<i>Applies to students who are not completing one of the four focus areas.</i>				
<i>Group A Qualified Design Elective [1 of 3]</i>					
<i>Group A Qualified Design Elective [2 of 3]</i>					
<i>Group A Qualified Design Elective [3 of 3]</i>					
<i>Group A or Group B Elective [1 of 4]</i>					
<i>Group A or Group B Elective [2 of 4]</i>					
<i>Group A or Group B Elective [3 of 4]</i>					
<i>Group A or Group B Elective [4 of 4]</i>					
<i>Natural Science Elective</i>					

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POWER AND ENERGY SYSTEMS FOCUS AREA					
Electric Machines		ECE 3650 (5)			
Electrical Energy Systems 1		ECE 4300 (4)			
Power Electronics		ECE 4370 (4)			
<i>Power and Energy Systems Elective</i>					
<i>Group A Qualified Design Elective</i>					
<i>Technical Elective [1 of 2]</i>					
<i>Technical Elective [2 of 2]</i>					
<i>Natural Science Elective</i>					

COMMUNICATION DEVICES FOCUS AREA					
Antennas		ECE 4270 (4)			
Microwave Engineering		ECE 4290 (4)			
Digital Communications or Signal Processing 2		ECE 4250 or ECE 4830 (4)			
<i>Communication Devices Elective [1 of 2]</i>					
<i>Communication Devices Elective [2 of 2]</i>					
<i>Technical Elective [1 of 2]</i>					
<i>Technical Elective [2 of 2]</i>					
<i>Natural Science Elective</i>					

BIOMEDICAL FOCUS AREA		<i>No other Natural Science elective is required when completing this focus area.</i>			
Biomedical Instrumentation and Signal Processing		ECE 4610 (4)			
Anatomy of the Human Body		BIOL 1410 (3)			
Physiology of the Human Body or Essentials of Microbiology		BIOL 1412 or MBIO 1220 (3)			
Biology for Engineers or Biology 2		BIOE 2590 or BIOL 1030 (3)			
<i>Biomedical Group A Elective</i>					
<i>Biomedical Group A or B Elective</i>					
<i>Technical Elective [1 of 3]</i>					
<i>Technical Elective [2 of 3]</i>					
<i>Technical Elective [3 of 3]</i>					

ENGINEERING PHYSICS FOCUS AREA		<i>No other Natural Science elective is required when completing this focus area.</i>			
Antennas		ECE 4270 (4)			
Optoelectronics		ECE 4580 (4)			
Quantum Physics 1		PHYS 2380 (3)			
Classical Mechanics 1		PHYS 2650 (3)			
<i>Engineering Physics Elective [1 of 3]</i>					
<i>Engineering Physics Elective [2 of 3]</i>					
<i>Engineering Physics Elective [3 of 3]</i>					
<i>Technical Elective</i>					

NOTES	Term Assessments		
	201790	201810	201850
	201890	201910	201950
	201990	202010	202050
	202090	202110	202150
	202190	202210	202250
Graduation Date:			