

## EXAMPLE 4-year Plan

CR	CR	EET Program Advising Worksheet		Prior	F22	W23	S23	sum	F23	W24	S24	sum	F24	W25	S25	sum	F25	W26	S26	sum	F24	W25	S25	Notes
4	4	CS 110	Programming Fundamentals I		4																			
3	3	EET 221	Basic Electricity		3																			
1	1	EET 221LAB	Basic Electricity Lab		1																			
4	4	ETSC 242	Instrumentation			4																		
4	4	EET 271	Digital Circuits			4																		
4	4	EET 372	Advanced Digital Circuits				4																	
4	4	EET 312	Basic electronics						4															
4	4	EET 323	Active Linear Circuits							4														
4	4	EET 325	Electrical Networks										4											
4	4	EET 426	Advanced Electrical Networks											4										
4	4	EET 427	Process Control												4									
4	4	EET 373	Introduction to Embedded Programming														4							
4	4	EET 374	Microprocessors															4						
4	4	EET 376	Advanced Microprocessors																4					
4	4	ETSC 343	PLC											4										
4	4	ETSC 433	Advanced PLCs													4								
5	5	CAD	ETSC 265 - Three-dimensional Modeling				5																	
		or	ETSC 150 - Engineering Graphics																					
4	4	ETSC 301	Engineering Project Cost Analysis										4											
4	4	EET 332	Generation of Electrical Power											4										
4	4	EET 433	Transmission/Distribution of Electrical Power												4									
		or																						
8	8	ETSC 490	COOP (Internship)																					
		or																						
4	4	EET 377	Advanced Robotics and Automation															4						
4	4	EET 477	Industrial Robotics and Automation																4					
		or																						
4	4	CS 111	Programming Fundamentals II																					
4	4	CS 301	Data Structures																					
5	5	MATH 172	Calculus		5																			
5	5	MATH 173	Calculus			5																		
3	5	MATH ELEC	MATH 260, 265, 272, 330, 376 or BUS 221				4																	
15	15	PHYSICS	PHYS 111,111LAB,112,112LAB,113,113LAB						5	5	5													
		or	PHYS 181,181LAB,182,182LAB,183,183LAB																					
4	5	SPEECH	COM 207, or COM 345						4															
3	4	WRITING	ADMG 385, CS 325, or ENG 310										3											
2	2	EET 487	Senior Project I														2							
2	2	EET 487LAB	Senior Project I LAB														2							
2	2	EET 488	Senior Project II															2						
2	2	EET 488LAB	Senior Project II LAB															2						
2	2	EET 489	Senior Technical Presentations																2					
130	134	Core Total: 131		0	13	13	13	0	9	9	9	0	11	12	12	0	8	12	10	0	0	0	0	
4		Tech Elective															4							
134	134	Total: 135		0	13	13	13	0	9	9	9	0	11	12	12	0	12	12	10	0	0	0	0	
		Credit threshold: 135		135	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	Colored cells indicate when courses are offered

## EXAMPLE 2-year Plan

CR	CR	EET Program Advising Worksheet		Prior	F22	W23	S23	sum	F23	W24	S24	sum	F24	W25	S25	sum	F25	W26	S26	sum	F24	W25	S25	Notes
4	4	CS 110	Programming Fundamentals I						4															
3	3	EET 221	Basic Electricity						3															
1	1	EET 221LAB	Basic Electricity Lab						1															
4	4	ETSC 242	Instrumentation							4														
4	4	EET 271	Digital Circuits							4														
4	4	EET 372	Advanced Digital Circuits								4													
4	4	EET 312	Basic electronics							4														
4	4	EET 323	Active Linear Circuits								4													
4	4	EET 325	Electrical Networks										4											
4	4	EET 426	Advanced Electrical Networks											4										
4	4	EET 427	Process Control												4									
4	4	EET 373	Introduction to Embedded Programming										4											
4	4	EET 374	Microprocessors											4										
4	4	EET 376	Advanced Microprocessors												4									
4	4	ETSC 343	PLC						4															
4	4	ETSC 433	Advanced PLCs								4													
5	5	CAD	ETSC 265 - Three-dimensional Modeling																					
		or	ETSC 150 - Engineering Graphics																					
4	4	ETSC 301	Engineering Project Cost Analysis						4			4												
4	4	EET 332	Generation of Electrical Power											4										
4	4	EET 433	Transmission/Distribution of Electrical Power												4									
		or																						
8	8	ETSC 490	COOP (Internship)									8												
		or																						
4	4	EET 377	Advanced Robotics and Automation																					
4	4	EET 477	Industrial Robotics and Automation																					
		or																						
4	4	CS 111	Programming Fundamentals II							4														
4	4	CS 301	Data Structures										4											
5	5	MATH 172	Calculus	5																				
5	5	MATH 173	Calculus	5																				
3	5	MATH ELEC	MATH 260, 265, 272, 330, 376 or BUS 221	4																				
15	15	PHYSICS	PHYS 111,111LAB,112,112LAB,113,113LAB	15																				
		or	PHYS 181,181LAB,182,182LAB,183,183LAB																					
4	5	SPEECH	COM 207, or COM 345																					
3	4	WRITING	ADMG 385, CS 325, or ENG 310																					
2	2	EET 487	Senior Project I										2											
2	2	EET 487LAB	Senior Project I LAB										2											
2	2	EET 488	Senior Project II											2										
2	2	EET 488LAB	Senior Project II LAB										2											
2	2	EET 489	Senior Technical Presentations												2									
130	134	Core Total: 136		29	0	0	0	0	16	16	17	12	16	16	14	0	0	0	0	0	0	0	0	
4		Tech Elective																						
134	134	Total: 136		29	0	0	0	0	16	16	17	12	16	16	14	0	0	0	0	0	0	0	0	
		Credit threshold: 135		135	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	Colored cells indicate when courses are offered