

College of Engineering & Information Sciences

2011 - Electronics Engineering Technology (EET) Program

This is the STANDARD PLAN OF STUDY. Following this plan will make it possible for a student to graduate in the shortest possible timeframe. While advice from a Student Success Coach is strongly encouraged, it is ultimately the student's responsibility to observe all prerequisites and to ensure that all graduation requirements are met. All changes to this plan must be authorized by the Associate Dean of the College of Engineering & Information Sciences.

Student Name:		DSI#:		
Completed	1 st Semester	Credit	Title	Prerequisite/Corequisite
	COLL 148 (Institute Credit)	3	Critical Thinking & Problem Solving	
	ECET 100	4	Introduction to Electronics and Computer Technology	Co-req MATH104 or MATH190 placement
	ENGL 108	3	English Composition	
	MATH 104 (Institute Credit)	4	Algebra for College Students	
	Social Science Elective 1	3	Choose PSYC110, SOCS185, or SOCS190	Pre-req ENGL092 or ENGL108 placement
		17		
2nd Semester				
	COMP 122	4	Structured Programming	ECET100 & Co-Req MATH190
	ECET 110	4	Electronic Circuits & Devices 1	ECET100 & Co-Req MATH190
	MATH 190	4	Pre Calculus	MATH104 or MATH114
	SPCH 275	3	Public Speaking	ENGL108
		15		
3rd Semester				
	COMP 220	4	Object Oriented Programming	COMP122
	ECET 210	4	Electronic Circuits & Devices 2	ECET110
	ENGL 135	4	Advanced Composition	ENGL108
	MATH 260	4	Applied Calculus 1	MATH190
		16		
4th Semester				
	COMP 328	3	Programming Environment & Java	COMP220
	ECET 220	4	Electronic Circuits & Devices 3	ECET210
	ECET 230	4	Digital Circuits & Systems	COMP122 & ECET210; Co-req ECET220
	Humanities Elective 1	3	HUMN410, HUMN412, HUMN417, HUMN445, or HUMN448	ENGL135
	MATH 270	4	Applied Calculus 2	MATH260
		18		

Completed	5 th Semester	Credit	Title	Prerequisite
	Comm Skills Elective 2	4	Applied Writing - Choose ENGL216 or ENGL227	ENGL108
	ECET 299	1	Technology Integration 1	COMP328, ECET220, ECET230, & MATH270
	ECET 305	3	Analytical Methods in Engineering Technology	COMP122 & MATH270
	ECET 330	4	Microprocessor Architecture	COMP328 & ECET230
	PHYS 310	4	College Physics 1	MATH270
		16		
	6th Semester			
	ECET 310	4	Communications Systems	ECET220 & ECET230
	ECET 340	4	Microprocessor Interfacing	ECET330 & ECET299
	ECET 350	4	Signal Processing	ECET220 & ECET305
	PHYS 320	4	College Physics 2	MATH270 & PHYS310
		16		
	7th Semester			
	ECET 365	4	Embedded Microprocessor Systems with Lab	ECET340
	ECET 375	4	Data Communications & Networking with Lab	ECET340
	ECET 390	2	Product Development	ECET330 + Senior Standing*
	ECET 402	4	Mechatronics with Lab	ECET340 & ECET350
		14		
	8th Semester			
	CARD 405	2	Career Development	Senior Standing*
	ECET 492L	1	Senior Project Development Lab I	ECET390
	ECET 493L	1	Senior Project Development Lab II	ECET 492L
	ECET 499	1	Technology Integration	86 cr. or more in COMP/ECET/MATH/PHYS
	ECET Elective 1	4	Select course from ECET Technical Elective List	See catalog for specific prerequisites.
	Humanities Elective 2	3	HUMN303, HUMN420, HUMN422, HUMN424, HUMN427, HUMN428, or HUMN450	ENGL135
	Social Science Elective 2	3	ECON312, LAWS310, or POLI330	
		15		
	9th Semester			
	ECET 494L	1	Senior Project Development III	ECET 493L
	ECET Elective 2	4	Select course from ECET Technical Elective List	See catalog for specific prerequisites.
	ECET Elective 3	4	Select course from ECET Technical Elective List	See catalog for specific prerequisites.
	HUMN 432	3	Technology, Society, and Culture	ENGL135 + Senior Standing*
	Social Science Elective 3	3	PSYC305, PSYC315, SOCS315, or SOCS410	See catalog for specific prerequisites.
		15		
		142	Credits for Bachelors Degree Completion (Includes 9 credits for: MATH104, COLL148 and CARD405)	

*Senior Standing = completion of 89 earned credit hours.

Last Updated: 20111209

Course Rotation Schedule for the EEI Program							
	2011	2012 Academic Year					
	NOV	JAN	MAR	MAY	JULY	SEPT	NOV
COMP328		X				X	
ECET 299		X				X	
ECET305	X				X		X
ECET310		X				X	
ECET330	X				X		X
ECET340			X				X
ECET350		X				X	
ECET365	X				X		X
ECET375		X				X	
ECET380			X				X
ECET390		X				X	
ECET402	X				X		X
ECET405		X					X
ECET410					X		
ECET425					X		
ECET460			X				X
ECET465		X					X
ECET492L			X				X
ECET493L	X				X		X
ECET494L		X				X	
ECET499			X				X
MATH190		X				X	
MATH260	X				X		X
MATH270		X				X	
MATH450							X
MATH451	X						X
PHYS310		X				X	
PHYS320			X				X

Plan Revision Date: 20111007

SHADED COURSES ARE TECHNICAL ELECTIVES

THREE ARE NEEDED TO MEET GRADUATION REQUIREMENTS