



College of Engineering and Computer Science
BSEE Completion Curriculum for Electrical Engineering
2011-2012 Academic Year

Junior Year

First Semester (Fall)			Second Semester (Spring)		
Course		Hrs	Course		Hrs
MATH 3203	Matrix Methods for Engineers	2	ENGR 3314	Design Methodology in Engineering	3
EENG 3302	Digital Systems	3	ENGR 4308	Automatic Controls	3
EENG 3303	Electromagnetic Fields	3	EENG 3307	Microprocessors	3
EENG 3305	Linear Circuit Analysis II	3	EENG 4309	Electronic Circuits II	3
EENG 3306	Electronic Circuits I	3	EENG 4109	Electronic Circuits II Lab	1
EENG 3106	Electronic Circuits I Lab	1	EENG 4311	Signals and Systems	3
Semester Credit Hours 15			Semester Credit Hours 16		

Senior Year

First Semester (Fall)			Second Semester (Spring)		
Course		Hrs	Course		Hrs
POLS 2305	Intro. American Government	3	HIST 1302	American History	3
MATH 3351	Probability and Statistics	3		Humanities Core Curriculum Elective	3
ENGR 4109	Senior Seminar	1	EENG 4315	Senior Design II	3
EENG 4115	Senior Design I	1		Technical Elective	3
EENG 4310	Electric Power Systems	3		Technical Elective	3
EENG 4312	Communications Theory	3			
	Technical Elective	3			
Semester Credit Hours 17			Semester Credit Hours 15		

1. Students who have not completed COSC 1420 C/C++ Structured Programming will be required to complete that course as part of the curriculum of study and prior to taking any course for which COSC 1420 is prerequisite.

