

EE PROGRAM (4-year plan)

Semester 1		
MATH 156	Calculus I	4
EECE 156	Math I Lab	1
EGPP 101	Intro. to Engineering	2
ENGW104	(102)Writing Literacy & Discourse	3
CHEM 003	Chemistry	4
CHEM 005	Chemistry Lab	1
	Semester Total	15
Semester 2		
MATH 157	Calculus II	4
EECE 157	Math II Lab	1
EECE 102	Intro. to EE and CpE	1
PHYS 013	Physics Sci. and Engr. I	3
PHYS 023	Physics Sci. and Engr. I Lab	1
	Social Science Elective	3
ENGW 105	(103)Reflective Writing Portfolio	3
	Semester Total	16
Semester 3		
MATH 158	Calculus III	4
EECE 158	Math III Lab	1
PHYS 014	Physics Sci. and Engr. II	3
PHYS 024	Physics Sci. and Engr. II Lab	1
CSCI 135	Computer Science I	4
HHPL	Physical Education	1
	Semester Total	14
Semester 4		
EECE 160	Engineering Mathematics	3
EECE 260	Engineering Programming	3
EECE 203	Fundamentals of Circuit Theory	4
EECE 209	Fundamentals of Circuit Theory Lab	1
EECE 212	Fundamentals of Digital Systems	4
EECE 218	Fundamentals of Digital Systems lab	1
	Semester Total	16
Semester 5		
EECE 305	Fundamentals of Electromagnetics	3
EECE 306	Fundamentals of Electromagnetics Lab	1
EECE 309	Fundamentals of Electronics and SS Devices	3
EECE 312	Fundamentals of Electronics and SS Devices Lab	1
EECE 331	Probability and Random Variables	3
	Humanities Elective	3
HHPL	Physical Ed./ROTC	1
	Semester Total	15
Semester 6		
EECE 333	Fundamentals of Signals and Systems	3
EEEE nnn	Engr. Sci. Elective	3
EECE 325	Fundamentals of Energy Systems	3
EECE 326	Fundamentals of Energy Systems Lab	1

	African American Studies Elective	3
EECE 320	Research in Undergraduate Experience	1
	Semester Total	14
Semester 7		
EECE nnn	EE Electives	3
EECE nnn	EE Electives	3
EECE nnn	EE Electives	3
EECE 401	Senior Design I	3
	Free Elective	3
	Semester Total	15
Semester 8		
ECON 001	Principles of Economics	3
EECE nnn	EE Electives	3
EECE nnn	EE Electives	3
EECE nnn	EE Electives	3
EECE 404	Senior Design II	3
	Semester Total	15
	TOTAL CREDIT	120