

EE PROGRAM (3 year plan)

Semester 1

MATH 156	Calculus I	4
EECE 156	Math I Lab	1
EGPP 101	Intro. to Engineering	2
ENGW104 (002)	Writing Literacy & Discourse	3
CHEM 003	Chemistry	4
CHEM 005	Chemistry Lab	1
ECON 001	Principles of Economics	3
	Semester Total	18

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
(HHPL) PHED xxx	Physical Ed./ROTC	1
ENGW 105 (003)	Reflective Writing Portfolio	3
FFFF nnn	Free Elective	3
EEEE nnn	Engr. Sci. Elective	3
	Semester Total	20

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
SYCS 135	Computer Science I	4
SSSS nnn	Social Science	3
HHHH nnn	Humanities	3
	Semester Total	19

Semester 4

EECE 160	Engineering Mathematics	3
EECE 162	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
EECE 325	Fundamentals of Energy Systems	3
EECE 326	Fundamentals of Energy Systems Lab	1
EECE 320	Research in Undergraduate Experience	1
	Semester Total	21

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
EECE 401	Senior Design I	3
EECE nnn	EE Electives	3
EECE nnn	EE Electives	3
PHED xxx	Physical Education (ROTC)	1
	Semester Total	21
Semester 6		
EECE 333	Fundamentals of Signals and Systems	3
EECE nnn	EE Electives	3
EECE nnn	EE Electives	3
EECE nnn	EE Electives	3
EECE nnn	EE Electives	3
EECE 404	Senior Design II	3
AAAA nnn	African American Studies Elective	3
	Semester Total	21
	TOTAL CREDIT	120