

ELECTRICAL ENGINEERING
Sample Five-Year schedule starting with Pre-Calculus

Year One

FALL		SPRING	
MATH 1650, Pre-Calculus	5	MATH 1710, Calculus I	4
ENGL 1310 or TECM 1700, College Writing I or Intro. to Tech. Writing	3	TECM 2700, Tech. Writing	3
EENG 1910, Learning to Learn	3	CHEM 1410 or CHEM 1415, Chemistry	3
HIST 2610, American History I	3	CHEM 1430 or CHEM 1435, Chemistry Lab	1
Total hours	14	HIST 2620	3
		Total hours	14

Destination Course

Math below Calculus

Year Two

FALL		SPRING	
MATH 1720, Calculus II	3	MATH 2730, Multivariable Calculus	3
PHYS 1710, Mechanics	3	PHYS 2220, E. & M.	3
PHYS 1730, Mechanics Lab	1	PHYS 2240, E. & M. Lab	1
EENG 2710, Digital Logic Design	3	CSCE 1030, Computer Science I	4
EENG 2711, Digital Logic Design Lab	1	PSCI 2306, State Government/Political Science	3
PSCI 2305, Federal Government/Political Science	3	Total hours	14
Total hours	14		

Year Three

FALL		SPRING	
MATH 2700, Linear Algebra	3	MATH 3680, Applied Statistics	3
MATH 3410, Diff. Equ.	3	EENG 2620, Signals & Sys.	3
EENG 2610, Circ.	3	EENG 2621, Signals & Sys. Lab	1
EENG 2611, Circ. Lab	1	EENG 2920, Analog Cir. Des.	3
Creative Arts	3	Social and Behavioral Science	3
Total hours	13	Total hours	13

Year Four

FALL		SPRING	
EENG 3410, Electromag.	3	EENG 3520, Electronics II	3
EENG 3411, Electromag. Lab	1	EENG 3710, Comp. org.	3
EENG 3510, Electronics I	3	EENG 3810, Comm. Sys.	3
EENG 3511, Electronics Lab	1	EENG 3811, Comm. Sys. Lab	1
EENG 3910, DSP System Design	3	EENG 3920, Modern Comm. Sys.	3
Language Philosophy and Culture	3	Total hours	13
Total hours	14		

Year Five

FALL		SPRING	
EENG 4910, Senior Design I	3	EENG 4990, Senior Design II	3
EENG Elective	3	EENG Elective	3
EENG Elective	3	EENG Elective	3
OPSM 3830, Operations Management	3	MGMT 3850, Entrepreneurship	3
Total hours	12	Total hours	12