

TAMS Computer Science/Engineering to Electrical Engineering

Year One

FALL		SPRING	
MATH 1650, Pre-Calculus	5	MATH 1710, Calculus I	4
ENGL 1315, Writing I	3	ENGL 1325, Writing II	3
PSCI 2305 or 2306, Government	3	CHEM 1420, Chemistry II	3
CHEM 1410, Chemistry I	3	CHEM 1440, Chemistry II Lab	1
CHEM 1430, Chemistry I Lab	1	CSCE 1030, Computer Science I	4
Seminar	0	Seminar	0
Total hours	15	Total hours	15

Year Two

FALL		SPRING		SUMMER	
MATH 1720, Calculus II	3	PHYS 2220, Electricity and Magnetism	3	TECM 2700, Technical Writing	3
PHYS 1710, Mechanics	3	PHYS 2240, Electricity and Magnetism Lab	1	MATH 3410, Differential Equations	3
PHYS 1730, Mechanics Lab	1	ENGL 2220, World Literature	3	MATH 2700, Linear Algebra	3
ENGL 2210, World Literature	3	HIST 2620, U.S. History II	3	EENG 2610, Circuits	3
HIST 2610, U.S. History I	3	MATH 2730, Multivar. Calculus	3	EENG 2611, Circuits Lab	1
CSCE 1040, Computer Science II	3	EENG 2710, Logic Design	3	Total hours	13
EENG 1910, Learning to Learn	3	EENG 2711, Logic Design	1		
Seminar	0	Seminar	0		
Total hours	19	Total hours	17		

Year Three

FALL		SPRING		SUMMER	
EENG 2620, Signals and Systems	3	EENG 3520, Electronics II	3	PSCI 2305 or 2306, Government	3
EENG 2621, Signals and Systems Lab	1	EENG 3710, Computer Organization	3	Creative Arts Core	3
EENG 2920, Analog Circuit Design	3	EENG 3810, Communications Systems	3	Total hours	6
EENG 3510, Electronics I	3	EENG 3811, Communications Systems Lab	1		
EENG 3511, Electronics I Lab	1	EENG 3910, DSP System Design	3		
MATH 3680, Statistics	3	EENG 3920, Modern Comm. System	3		
Total Hours	14	Total Hours	16		

Year Four

FALL		SPRING	
EENG Elective	3	EENG Elective	3
EENG Elective	3	EENG Elective	3
EENG 3410, Electromagnetics	3	EENG 4990, Design II	3
EENG 3411, Electromagnetics Lab	1	MGMT 3850, Entrepreneurship	3
EENG 4910, Design I	3	Social and Behavioral Sciences Core	3
OPSM 3830, Operations Mgmt.	3	Total Hours	15
Total Hours	16		