

COMPUTER ENGINEERING
Sample Four-Year schedule starting with Pre-Calculus

Year One

FALL		SPRING	
MATH 1650, Pre-Calculus	5	MATH 1710, Calculus I	3
ENGL 1310 or TECM 1700, College Writing I or Intro. to Tech. Writing	3	TECM 2700, Tech. Writing	3
CHEM 1410 or CHEM 1415, Chemistry	3	CSCE 1030, Computer Science I	4
CHEM 1430 or CHEM 1435, Chemistry	1	HIST 2620, American History II	3
HIST 2610, American History I	3	PSCI 2305, Federal Government/Political Science	3
Total hours	15	Total hours	16

Destination Course

Math below Calculus

Year Two

FALL		SPRING	
MATH 1720, Calculus II	3	MATH 2730, Multivariable Calculus	3
CSCE 1040, Computer Science II	3	PHYS 2220, E. & M.	3
PHYS 1710, Mechanics	3	PHYS 2240 E. & M. Lab	1
PHYS 1730, Mechanics Lab	1	CSCE 2100, Foundation of Computing	3
PSCI 2306, State Government/Political Science	3	ENGR 2720, Digital Logic	3
Creative Arts	3	ENGR 2730, Digital Logic Lab	1
Total hours	16	Total hours	14

Year Three

FALL		SPRING	
MATH 2700, Linear Algebra	3	MATH 1780, Probability Models	3
CSCE 2110, Foundation of Data Structures	3	CSCE 3600, Systems Programming	3
CSCE 2610, Assem. & Org.	3	CSCE 3612, Embed. Sys. Design	3
ENGR 2405, Circuit Analysis	3	EENG 3510, Electronics I	3
ENGR 2415, Circuit Analysis Lab	1	Language, Philosophy, & Culture	3
Social and Behavioral Science	3	Total hours	15
Total hours	16		

Year Four

FALL		SPRING	
Advanced Math or Science	3	CSCE 3020, Comm.	3
CSCE 3010, Signals & Systems	3	CSCE 4011, Engineering Ethics	3
CSCE 3730, Reconfigurable Logic	3	CSCE 4915, Design II	3
CSCE 4910, Design I	3	Specialty Area	3
Specialty Area	3	Specialty Area	3
Total hours	15	Total hours	15