

COMPUTER ENGINEERING
Sample Five-Year Schedule starting with Remedial Math

Year One

FALL		SPRING	
NCTM 351, Remedial Math	3	MATH 1100, Algebra	3
ENGL 1310 or TECM 1700, College Writing I or Intro. to Tech. Writing	3	TECM 2700, Tech. Writing	3
HIST 2610, American History I	3	HIST 2620, American History II	3
PSCI 2305, Federal Government/Political Science	3	PSCI 2306, State Government/Political Science	3
Total hours	12	Total hours	12

Destination Course

Math below Calculus

Year Two

FALL		SPRING	
MATH 1650, Pre-Calculus	5	MATH 1710, Calculus I	4
CHEM 1410 or CHEM 1415, Chemistry	3	CSCE 1030, Computer Science I	4
CHEM 1430 or CHEM 1435, Chemistry Lab	1	Social and Behavioral Science	3
Creative Arts	3	Language, Philosophy, & Culture	3
Total hours	12	Total hours	14

Year Three

FALL		SPRING	
MATH 1720, Calculus II	3	MATH 2730, Multivariable Calculus	3
CSCE 1040, Computer Science II	3	CSCE 2100 Foundations of Computing	3
PHYS 1710, Mechanics	3	CSCE 2110 Foundations of Data Structures	3
PHYS 1730, Mechanics Lab	1	PHYS 2220 E. & M.	3
ENGR 2720, Digital Logic	3	PHYS 2240 E. & M. Lab	1
ENGR 2730, Digital Logic Lab	1	Total hours	13
Total hours	14		

Year Four

FALL		SPRING	
MATH 2700, Linear Algebra	3	MATH 1780, Probability Models	3
CSCE 2610, Assem. & Org.	3	EENG 3510, Electronics I	3
CSCE 3600, Systems Programming	3	CSCE 3612, Embed. Sys. Design	3
ENGR 2405, Circuit Analysis	3	CSCE Specialty Area	3
ENGR 2415, Circuit Analysis Lab	1	Advanced Math or Science	3
Total hours	13	Total hours	15

Year Five

FALL		SPRING	
CSCE 3010, Signals & Systems	3	CSCE 3020, Comm.	3
CSCE 3730, Reconfigurable Logic	3	CSCE 4011, Engineering Ethics	3
CSCE 4910, Design I	3	CSCE 4915, Design II	3
CSCE Specialty Area	3	CSCE Specialty Area	3
Total hours	12	Total hours	12