

## PROGRAM OF STUDY IN COMPUTER ENGINEERING

## FRESHMAN YEAR

First Semester		SCH	Second Semester		SCH		
Eng	135	Freshman Comp I .....	3	Eng	137	Freshman Composition II ..	3
Math	143	Calculus I.....	4	Hist		African American Hist . . .	3
CSc	136	Algorithm Design and .....		Math	144	Calculus II . . . . .	4
		Program I using C/C++ .....	3	Math	136	Discrete Mathematics for .	
STEM	111	Freshman Seminar I.....	1			CSc . . . . .	3
EC	130	Intro to Economics .....	3	CSc	138	Algorithm Design and .....	
ENGR	130	Intro to Engineering .....	3			Program II Using C/C++.....	3
			17	STEM	112	Freshman Seminar II.....	1
							17

## SOPHOMORE YEAR

First Semester		SCH	Second Semester		SCH		
Eng	231	World Literature I.....	3	Eng	232	World Literature II.....	3
Phys	243	Prin. Of Physics I.....	4	Phys	244	Prin. Of Physics II.....	4
•EE	241	Circuits I .....	4	Th/Art/			
STEM	211	Sophomore Seminar I .....	1	Mu	220	Th/Art/Mu Appreciation .....	2
•EE	243	Electronics .....	4	Math	237	Differential Equations .....	3
•CSc	231	Assembly Language.....	3	•EE	242	Circuits II .....	4
			19	STEM	212	Sophomore Seminar II .....	1
							17

## JUNIOR YEAR

First Semester		SCH	Second Semester		SCH		
Math	236	Probability and Statistics ...	3	Th/Art/			
•EE	330	Systems and Signals.....	3	Mu	220	Th/Art/Mu Appreciation .....	2
•CSc	337	Computer Organization and .....		STEM	312	Junior Seminar II .....	1
		Architecture .....	3	•CSc	333	Data Structures and Alga ..	3
•CE	331	Digital Logic.....	3	•CE	342	Embeded Systems .....	4
STEM	311	Junior Seminar I .....	1	HE	230	Health Education .....	3
Math	230	Linear Algebra .....	3	Hist		World Civilization or .....	
			16			US History .....	3
							16

## SENIOR YEAR

First Semester		SCH	Second Semester		SCH		
•CSc	436	Operating Systems.....	3	•CE	438	Senior Design Project .....	3
•CSc	435	Software Engineering .....	3	•EE	432	Digital Signal Processing ..	3
•CE	436	VLSI Systems Design .....	3	•EE	431	Communication Systems....	3
Rel	120	Comparative Religion .....	2	PE		Physical Education .....	2
FR or SP	233	Foreign Language .....	3	STEM	412	Senior Seminar II .....	1
STEM	411	Senior Seminar I .....	1			PolSc or Soc or .....	
			15			Psy or Phil .....	3
							15

SCH in Major	49
Total SCH	132
•Major Courses	