

PROGRAM OF STUDY IN COMPUTER ENGINEERING

FRESHMAN YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
ENG 131	Analysis & Argumentation	3		ENG 132	Information, Literacy & Research	3	
MATH 143	Calculus I	4		MATH 144	Calculus II	4	
CSC 135	Introduction to Programming	3		CSC 136	Algorithm Design I	3	
HIST 130	Afr. American History	3			Global and Intercultural	3	
ENGR 130	Introduction to Engineering	3		STEM 112	The College Experience II	1	
STEM 111	The College Experience	1					
Total			17	Total			14

SOPHOMORE YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
MATH 237	Differential Equations	3		CSC 231	Assembly Language	3	
PHYS 233	Principles of Physics I	3		*CSC 138	Algorithm Design II	3	
PHYS 213L	Principles of Physics I Lab	1		PHYS 234	Principles of Physics II	3	
*EE 231	Circuits I	3		PHYS 214L	Principles of Physics II Lab	1	
*EE 211 L	Circuits I Lab	1		*EE 232	Circuits II	3	
*CE 231	Digital Logic	3		*EE 212L	Circuits II Lab	1	
*CE 211L	Digital Logic Lab	1		*EE 233	Electronics I	3	
STEM 221	Professional Pathways Dev.	2		*EE 213L	Electronics I Lab	1	
Total			17	Total			18

JUNIOR YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
*EE 330	Systems and Signals	3			Health and Wellness	2	
*CSC 333	Data Structures	3		FR/SP/AR 233	Intermediate Foreign Language	3	
MATH 230	Linear Algebra	3		MATH 336	Discrete Mathematics	3	
*CSC 337	Computer Org and Architecture	3		MATH 236	Probability and Statistics	3	
*EE 334	Electronics II	3		ENG 237	Oral Communication	3	
*EE 314L	Electronics II Lab	1			Global and Intercultural	3	
ENGR 321	Engineering Professional Dev.	2					
Total			18	Total			17

SENIOR YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
*EE 431	Communication Systems	3		*CSC 436	Operating Systems	3	
*CSC 339	Data Comm and Networking	3		*CE 436	VLSI Design	3	
*CSC 435	Software Engineering	3		*CE 428	Senior Design Project II	2	
ENGR 331	Engineering Economics	3		*EE 332	Digital Signal Processing	3	
*CE 427	Senior Design Project I	2		*CE 332	Embedded Systems	3	
Total			14	Total			14

Total SCH 129
 SCH in Major* 57

*Major courses require a "C" or better.