

**Department of Electrical and Computer Engineering
Bachelor of Science in Computer Engineering
Major Code: CPEN**

Curriculum Guide

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
ENGL 100	3	ENGL 101	3
ECEN 101	3	ECEN 102	3
MATH 131	4	PHYS 241	3
GEEN 100	2	PHYS 251	1
GEEN 111	1	MATH 132	4
COMP 163	3	Semester Total Hours	14
Semester Total Hours	16		
Sophomore Year: First Semester		Sophomore Year: Second Semester	
PHYS 242	3	MATH 231	4
PHYS 252	1	COMP 280	3
MATH 341	3	ECEN 200	3
COMP 167	3	ECEN 206	1
ECEN 212	3	ECEN 375	3
ECEN 218	1	ECEN 381	1
ECEN 227	3	Semester Total Hours	15
Semester Total Hours	17		
Junior Year: First Semester		Junior Year: Second Semester	
COMP 285	3	ECEN 320	3
ECEN 300	3	ECEN 326	1
ECEN 306	1	ECEN 351	3
ECEN 323	3	ECEN 357	1
ECEN 329	1	ECEN 356	3
Social and Behavioral Science	3	ECEN 400	3
Semester Total Hours	14	Knowledge of African American Culture & History	3
		Semester Total Hours	17
Senior Year: First Semester		Senior Year: Second Semester	
ECEN 478 ^a	3	ECEN 479 ^a	3
Technical Elective ^b	3	Technical Elective ^b	3
Technical Elective ^{b or c}	3	Technical Elective ^{b or c}	3
ECEN 421	3	COMP 350	3
SPCH 250 ^d	3	Global Awareness	3
Semester Total Hours	15	Semester Total Hours	15

Total Credit Hours: 123

^aCapstone Design Courses

^bMust choose from these courses: ECEN 325, ECEN 424, ECEN 441, ECEN 447, ECEN 457, ECEN 459, or ECEN 485 (approved case-by-case)

^cMust choose from these courses: COMP 322, COMP 360, COMP 4xx, or ECEN 4xx

^dThis course satisfies the Humanities/Fine Arts Elective requirement.

MAJOR PROGRAM REQUIREMENTS

Students must earn a C- or better in the following courses:

ECEN 101	ECEN 351
ECEN 102	ECEN 356
ECEN 200	ECEN 357
ECEN 206	ECEN 375
ECEN 212	ECEN 381
ECEN 218	ECEN 400
ECEN 227	ECEN 421
ECEN 300	ECEN 478
ECEN 306	ECEN 479
ECEN 320	COMP 163
ECEN 323	COMP 167
ECEN 326	COMP 280
ECEN 329	