

CULLEN COLLEGE OF ENGINEERING TECHNOLOGY DIVISION

Bachelor of Science, Computer Engineering Technology

Four-Year Academic Map 2025-2026

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total
	ELET 1400	Circuit Theory I & Lab	4	ELET 1401	Circuit Theory II & Lab	4	
	MATH 2413	Calculus I	4	MATH 2414	Calculus II	4	
	ENGL 1301	First Year Writing I	3	ENGL 1302	First Year Writing II	3	
	PHYS 1301/1101	College Physics I & Lab	4	PHYS 1302/1102	College Physics II & Lab	4	
	Semester Hours		15	Semester Hours		15	30

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total
	GOVT 2305	Federal Government	3	*ELET 2305/2105	Semiconductor Dev & Circuits /Lab	4	
	CORE	Creative Arts	3	*ELET 2303/2103	Digital Systems & Lab	4	
	HIST 1301	U. S. to 1877	3	*ELET 2300	Introduction to C++ Programming	3	
	GOVT 2306	US & Texas Constitution & Policies	3	*ELET 3300	Applied Math in ET	3	
	CHEM 1305	Foundations of Chemistry I	3	HIST 1302	U.S. since 1877	3	
	Semester Hours		15	Semester Hours		17	32

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total
	*ELET 3301	Linear Systems Analysis	3	*ELET 3425	Embedded Systems	4	
	*ELET 3403	Sensor applications	4	*ELET 3402	Communication Circuits	4	
	*ELET 3405	Microprocessor Architecture	4	*TLIM 3363	Technical Communication	3	
	CORE	Social/Behavioral Science	3	*TLIM 3340	Org Leadership & Super	3	
	CORE	Language, Philosophy & Culture	3	*ELET Elective		3	
	Semester Hours		17	Semester Hours		17	34

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total
	*ELET 4308	Senior Project	3	*ELET 4208	Senior Project	2	
	*ELET 4421	Computer Networks	4	*MECT 4188	Ethics in Engineering	1	
	*ELET 4353	Statistics for Engineering Tech	3	*ELET Elective		3	
	*ELET Elective		3	*ELET Elective		3	
	*ELET Elective		3	Free Elective		3	
	Semester Hours		16	Semester Hours		12	28
							124

*Courses offered in Sugar Land

Courses in **Bold** are important prerequisites and should be taken as early as students are able.

Students should meet with their academic advisor to formulate their own plan.