

# 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	
	<b>ELET 1400</b>	<b>Circuit Theory I &amp; Lab</b>	4	<b>ELET 1401</b>	<b>Circuit Theory II &amp; Lab</b>	4		
	<b>MATH 2413</b>	<b>Calculus I</b>	4	<b>MATH 2414</b>	<b>Calculus II</b>	4		
	<b>ENGL 1301</b>	<b>First Year Writing I</b>	3	<b>ENGL 1302</b>	<b>First Year Writing II</b>	3		
	<b>PHYS 1301/1101</b>	<b>College Physics I &amp; Lab</b>	4	<b>PHYS 1302/1102</b>	<b>College Physics II &amp; Lab</b>	4		
	Semester Hours			15	Semester Hours			15

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total	
	GOVT 2305	Federal Government	3	<b>*ELET 2305/2105</b>	<b>Semiconductor Dev &amp; Circuits /Lab</b>	4		
	CORE	Creative Arts	3	<b>*ELET 2303/2103</b>	<b>Digital Systems &amp; Lab</b>	4		
	HIST 1301	U. S. to 1877	3	<b>*ELET 2300</b>	<b>Introduction to C++ Programming</b>	3		
	GOVT 2306	US & Texas Constitution & Policies	3	<b>*ELET 3300</b>	<b>Applied Math in ET</b>	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	
	<b>*ELET 3301</b>	<b>Linear Systems Analysis</b>	3	<b>*ELET 3425</b>	<b>Embedded Systems</b>	4		
	<b>*ELET 3403</b>	<b>Sensor applications</b>	4	<b>*ELET 3402</b>	<b>Communication Circuits</b>	4		
	<b>*ELET 3405</b>	<b>Microprocessor Architecture</b>	4	<b>*TLIM 3363</b>	<b>Technical Communication</b>	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	
	<b>*ELET 4308</b>	<b>Senior Project</b>	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.