

CULLEN COLLEGE OF ENGINEERING

Engineering in Sugar Land

Bachelor of Science, Computer Engineering Technology

Four-Year Academic Map 2026-2027

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total
	ENGI 1100	Introduction to Engineering	1	ENGI 1331	Computing for Engineers	3	
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		
CORE	Creative Arts	3	CORE	Language, Philosophy & Culture	3		
	Semester Hours	15		Semester Hours	17	32	

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total
	*ELET 1300	Circuit Theory I & Lab	3	*ELET 1401	Circuit Theory II & Lab	4	
*ELET 2300	Introduction to C++ Programming	3	*ELET 2303/2103	Digital Systems & Lab	4		
*ELET 3300	Applied Math in ET	3	*TLIM 3363	Technical Communication	3		
CORE	Social/Behavioral Science	3	*TLIM 3340	Org Leadership & Super	3		
CORE	American History	3	GOVT 2305	Federal Government	3		
	Semester Hours	15		Semester Hours	17	32	

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total
	*ELET 2305/2105	Semiconductor Dev & Circuits /Lab	4	*ELET 3403	Sensor applications	4	
*ELET 3301	Linear Systems Analysis	3	*ELET 3425	Embedded Systems	4		
*ELET 3405	Microprocessor Architecture	4	*ELET 3402	Communication Circuits	4		
CORE	American History	3	GOVT 2306	US & Texas Constitution & Policies	3		
Free Elective		3					
	Semester Hours	17		Semester Hours	15	32	

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total
	*ELET 4308	Senior Project	3	*ELET 4208	Senior Project	2	
*ELET 4421	Computer Networks	4	*ELET 4353	Statistics for Engineering Tech	3		
*MECT 4188	Ethics in Engineering	1	*ELET Elective		3		
*ELET Elective		3	*ELET Elective		3		
*ELET Elective		3	*ELET Elective		3		
	Semester Hours	14		Semester Hours	14	28	
						124	

*Offered at UH Sugar Land campus.

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.