

CULLEN COLLEGE OF ENGINEERING

Engineering in Sugar Land

Bachelor of Science, Construction Management

Four-Year Academic Map 2026-2027

	Semester 1 Fall			Semester 2 Spring			Total
YEAR 1	CNST 1330 or CNST 1315	Graphics I OR Project Drawings & Graphics	3	CNST 1301 or CNST 1325	Construction Materials & Methods OR Process & Industrial Construction	3	
	CNST 1361	Construction Management I	3	MATH 2312	Precalculus	3	
	MATH 1324	Finite Math w/ Applications	3	GOVT 2305	US Government	3	
	CORE	American History	3	CORE	American History	3	
	ENGL 1301	First Year Writing I	3	ENGL 1302	First Year Writing II	3	
	Semester Hours		15	Semester Hours		15	30
	Semester 1 Fall			Semester 2 Spring			Total
YEAR 2	CNST 2321 or CNST 2325	Mechanical & Electrical Systems OR Process & Industrial Subsystems	3	CNST 2341 or CNST 2345	Construction Documents or Contract OR Documents for Capital Projects	3	
	MATH 2413	Calculus I	4	CNST 2351	Construction Estimating I	3	
	CNST 2360	Effective Communication in Const	3	GOVT 2306	US & Texas Constitution & Politics	3	
	ECON 2302 or ECON 2301	Principles of Micro or Macroeconomics	3	PHYS 1302 or GEOL 1330	College Physics II or Physical Geology	3	
	PHYS 1301	College Physics I	3	MATH 1342	Elementary Statistical Methods	3	
	Semester Hours		16	Semester Hours		15	31
	Semester 1 Fall			Semester 2 Spring			Total
YEAR 3	CNST 3301	Construction Equip & Methods	3	CNST 3331	Construction Planning & Scheduling	3	
	CNST 3185	Construction Experience	1	CNST 3372	Soil Mechanics and Foundations	3	
	CNST 3351 or CNST 3365	Construction Estimating II OR Cost Est. for Capital Projects	3	CNST 3205 or CNST 3210	Construction Safety Management OR Safety for Industrial Project	2	
	CNST 3355/3155	Strength of Construction Materials & Lab	4	MANA 3335	Intro to Organizational Behavior & Mang	3	
	ACCT 2301	Principles of Financial Acct	3	CNST 3265	Construction Layout & Site Develop	2	
				ACCT 2302	Principles of Managerial Accounting	3	
	Semester Hours		14	Semester Hours		16	30
	Semester 1 Fall			Semester 2 Spring			Total
YEAR 4	CNST 4331 or CNST 4335	Construction Management II or Capital Projects Development	3	CNST 4341 or CNST 4385	Project Controls OR Field Operations for Capital Projects	3	
	CNST 4381 or CNST 4345	Reinforced Concrete & Building Codes or Reinforced Concrete Structures	3	CNST 4311 or CNST 4315	Structural Steel & Timber Construction OR Steel Construction	3	
	CNST 4220	Comprehensive CM & Emerging Practices	2	CNST 4302	Construction Law & Ethics	3	
	BUSI 4350	Business Law & Ethics	3	CORE	Language, Philosophy & Culture	3	
	Business Elective	FINA 3332, MARK 3336, SCM 3301, ENTR 3310, ENTR 3312		CORE	Creative Arts	3	
	Semester Hours		14	Semester Hours		15	29
							120

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.