



BACHELOR OF SCIENCE CIVIL ENGINEERING

COURSES AVAILABLE ON CAMPUS



YOUR Moment IS HERE

START WITH CENTRAL TEXAS COLLEGE. FINISH AT LAMAR UNIVERSITY!

Your Future

Are you analytical, an effective communicator with leadership ability, good at visualization and a critical thinker? You could make an ideal civil engineer, on the front line of designing the infrastructure that makes our world turn or supervising its construction and maintenance.

Lamar University ensures civil engineering graduates possess the necessary broad skill set, from cost accounting to geology. Whether you need to resolve issues before they become problems, present a report to public officials or apply advanced mathematics to a challenge, career-centered faculty prepare you for success.

Career Opportunities

- Construction Materials
- Environmental Engineering
- Geotechnical Engineering
- Project Management
- Societal Risk Management
- Structural Engineering
- Sustainability
- Transportation

LU SCHOLARSHIPS

AMOUNT/YEAR	TRANSFERABLE GPA	RENEWABLE?
TRANSFER ACADEMIC EXCELLENCE SCHOLARSHIP*		
\$2,000	3.5-4.0	YES
\$1,500	3.0-3.49	YES
PHI THETA KAPPA (PTK) SCHOLARSHIP		
\$1,000	3.0-3.49	YES

**Based on availability and for full-time students who have earned more than 30, but less than 90 transfer credits and enrolled in on-campus programs*

TO APPLY FOR SCHOLARSHIPS

- Complete your admissions application
- Visit lamar.edu/myscholarships
- Complete the General Application

PRIORITY DEADLINES

- Fall - July 1
- Spring - December 1

A.S. ENGINEERING

FALL SEMESTER

ENGL 1301 - Composition I
HIST 1301 - U S History I
SPCH 1315 - Public Speaking
Creative Arts Selection
ENGR 1201 - Intro to Engineering

SPRING SEMESTER

HIST 1302 - U S History II
PHYS 2425 - University Physics
MATH 2413 - Calculus I
GOVT 2305 - Federal Government

SUMMER (if applicable)

MATH 2414 - Calculus II
CHEM 1411 - Component Area Option

FALL SEMESTER

PHYS 2426 - Phy/Life Science Selection
ENGR 2301 - Engineering Mechanics-Statics
ENGR 2305 - Electrical Circuits I

SPRING SEMESTER

GOVT 2306 - Texas Government
ENGR 2332 - Mechanics of Materials
Lang/Phil/Culture Selection
ENGR 2302 - Engineering Mechanics-Dynamics
Social/Behavioral Sci Selection

B.S. CIVIL ENGINEERING

FALL SEMESTER

CVEN 3311 - Intro to Environmental Engineering
CVEN 3340 - Structural Analysis
CVEN 3351 - Fluid Mechanics
INEN 2373 - Engineering Economics
CVEN 1201 - Intro to Civil Engineering
MATH 3370 - Intro to Theory of Statistical Inference

SPRING SEMESTER

CVEN 3300 - Engr Materials Systems
CVEN 3360 - Engineering Hydrology
CVEN 3370 - Water and Waste
CVEN 3390 - Geotechnical Engineering
CVEN 2370 - Intro to CAD and Surveying

SUMMER (if applicable)

GEOL 1403/ BIOL 1405 -Science Elective
MATH 3301 - Ordinary Differential Equation
MATH 2415 - Calculus III

FALL SEMESTER

CVEN 4212 - Civil Engineering System Design Project
CVEN Elective
CVEN 4340 - Foundation Engineering
CVEN 4380 - Reinforced Concrete Design
CVEN 4110 - Seminar
CVEN 4365 - Intro to Trans Engr

SPRING SEMESTER

CVEN Elective
CVEN 4350 - Hydraulics
CVEN 4390 - Structural Steel
CVEN 4313 - Civil Engineering Systems Design Project II



I'm ready to apply.
What's next?

You've made a great choice!
Follow the steps below to becoming a Cardinal.

HOW TO APPLY

REQUIRED STEPS

1. Finish your degree at Central Texas College
2. Complete your application and transfer to Lamar University through ApplyTexas.org
3. Finish your Civil Engineering degree on campus



OFFICE OF ADMISSIONS & RECRUITMENT
LAMAR UNIVERSITY



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PLAN A VISIT TO CAMPUS (409) 880-8316

plan or take a virtual tour at lamar.edu/visit