



**BACHELOR OF
SCIENCE
MECHANICAL
ENGINEERING**

**COURSES
AVAILABLE
ON CAMPUS**



START WITH CENTRAL TEXAS COLLEGE. FINISH AT LAMAR UNIVERSITY!

Your Future

Do you want to pursue a career where you can design, build, develop, and test machine systems? The Bachelor of Science Degree in Mechanical Engineering at Lamar University prepares you for a career in machine design, systems design, energy resources and conversion, manufacturing and production, transportation and environmental impact, materials and structures and aerospace.

Lamar University ensures mechanical engineering graduates possess the necessary broad skill set, that incorporates development and manufacturing of mechanical devices. Whether you need to build a project from scratch, test a device with your peers or apply advanced mathematics to a challenge, career-centered faculty prepare you for success.

Career Opportunities

- Automotive
- Aerospace
- Electronics
- Textiles
- Mechanical Engineer
- Automotive Engineer
- Control Engineer
- Instrumentation Engineer

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 - Gen Chem I

FALL SEMESTER

PHYS 2426 - Univ Physics
ENGR 2301 - Statics
ENGR 2305 - Electrical Circuits I

SPRING SEMESTER

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

SUMMER (if applicable)

MATH 2318 - Linear Algebra
MATH 2415 - Calculus III
MEEN 2374 - Thermodynamics I

B.S. MECHANICAL ENGINEERING

FALL SEMESTER

MEEN 3340 - Engineering Analysis
MEEN 3311 - Fluid Mechanics
MEEN 3380 - Thermodynamics II
MEEN 2372 - Mechanics of Solids
INEN 2373 - Engineering Econo

SPRING SEMESTER

MEEN 3210 - Measurements Lab
MEEN 3310 - Heat Transfer
MEEN 3300 - Design of Mechanisms
MEEN 3320 - Mechanical Design I
MEEN 3350 - CAE
MATH 3301 - Differential Equations

FALL SEMESTER

MEEN 4110 - Seminar
MEEN 4310 - Integrated Systems Design
MEEN 4313 - Thermal System Design
MEEN 4319 - Materials Science
MEEN 4323 - Mechanical Design II
MEEN Elective

SPRING SEMESTER

MEEN 4316 - Eng Design Project
MEEN 4317 - Dynamic Systems Analysis
MEEN Elective
INEN 4320/MATH 3370 - Statistics



**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 Mechanical 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