

**BACHELOR OF SCIENCE INDUSTRIAL
ENGINEERING**



START WITH CENTRAL TEXAS COLLEGE. FINISH AT LAMAR UNIVERSITY!

Your Future

Want to change the world? Are you a critical thinker who enjoys a good challenge? Maybe you find yourself thinking about ways to make the world more efficient. Individuals with these talents are sought by companies around the world to increase quality and productivity.

The Bachelor of Science in Industrial Engineering is offered online and on campus. Through our program, students are prepared to solve real-world problems before entering the workforce through student-focused faculty, coursework centered in experiential learning and on-the-job training through co-ops. You graduate ready to enter a high-paying career.

Career Opportunities

- Data Analysis
- Design
- Economic Analysis
- Engineering Services
- Healthcare
- Lean Engineering
- Logistics
- Managerial Solutions
- Manufacturing
- Operation Control
- Operations Research
- Project Management
- Quality Control
- Safety Management
- Automation
- Supply Chain Managemtn

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 SCIENCE

FALL SEMESTER

ENGL 1301 - Composition I
HIST 1301 - US History I
SPCH 1315 - Public Speaking
Creative Arts Selection
ENGR 1202 - Intro to Engineering

SPRING SEMESTER

HIST 1301 - History II
Phy/Life Science Selection
MATH 2413 - Calculus I
GOVT 2305 - Federal Government

SUMMER AT CTC

MATH 2414 - Calculus II
Component Area Option

FALL SEMESTER

Phy/Life Science Selection
ENGR 2301 - Engineering Mechanics I - 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 II Dynamics
Social/Behavioral Sci Selection

ADDITIONAL LOWER LEVEL COURSEWORK

MATH 2318 - Linear Algebra
PHYS 2425 - University Physics I
PHYS 2426 - University Physics II

B.S. INDUSTRIAL ENGINEERING

FALL SEMESTER

INEN 2372 - Engineering Economics
INEN 3320 - Probability & Stat for Engr
INEN 4315 - Industrial Management
INEN 2360
INEN 3322 - Engr. Materials & Processes

SPRING SEMESTER

INEN 4320 - Stat Decision Making Engr
INEN 4345 - Computer Int. Manufacturing
INEN 4370 - Operations Research
INEN 4300 - Quality Improvement
INEN 3380 - Work Design

FALL SEMESTER

INEN 4323 - IE Systems Design
INEN 4375 - Simulation of EI Systems
INEN 4316 - Industrial and Product Safety
MATH 3301 - Differential Equations
INEN 4350 - Production & Inventory Control

SPRING SEMESTER

INEN 4385 - IE Design
Approved Elect.
Approved Elect.
Approved Elect.
Approved Elect.



**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



OFFICE OF ADMISSIONS & RECRUITMENT
LAMAR UNIVERSITY



/lamaruadmissions
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PLAN A VISIT TO CAMPUS (409) 880-8316

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