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 Management

LU SCHOLARSHIPS

<table>
<thead>
<tr>
<th>Scholarship</th>
<th>Amount/Year</th>
<th>Transferable GPA</th>
<th>Renewable?</th>
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<tr>
<td>TRANSFER ACADEMIC EXCELLENCE SCHOLARSHIP*</td>
<td>$2,000</td>
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<td>PHI THETA KAPPA (PTK) SCHOLARSHIP</td>
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<tr>
<td>$1,000</td>
<td>3.0-3.49</td>
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<td>YES</td>
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</tbody>
</table>

*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 lamart.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

### 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

**ADDITIONAL LOWER LEVEL COURSEWORK**
- MATH 2318 - Linear Algebra
- PHYS 2425 - University Physics I
- PHYS 2426 - University Physics II

### REQUIRED STEPS

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

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**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**

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2. Complete your application and transfer to Lamar University through ApplyTexas.org

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**LAMAR UNIVERSITY**

Office of Admissions & Recruitment

FALL SEMESTER
- INEN 4323 - IE Systems Design
- INEN 4375 - Simulation of El 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.

**ADDITIONAL LOWER LEVEL COURSEWORK**
- MATH 2414 - Calculus II
- Component Area Option

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Lamar University is an equal opportunity/affirmative action educational institution.