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

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>
</tr>
</thead>
<tbody>
<tr>
<td>TRANSFER ACADEMIC EXCELLENCE SCHOLARSHIP*</td>
<td>$2,000</td>
<td>3.5-4.0</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>$1,500</td>
<td>3.0-3.49</td>
<td>YES</td>
</tr>
<tr>
<td>PHI THETA KAPPA (PTK) SCHOLARSHIP</td>
<td>$1,000</td>
<td>3.0-3.49</td>
<td>YES</td>
</tr>
</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 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 - 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 - Univeristy Physics I
PHYS 2426 - Univeristy 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 Elective
Approved Elective
Approved Elective
Approved Elective

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

I'm ready to apply. What's next?
You've made a great choice!
Follow the steps below to becoming a Cardinal.

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