

**BACHELOR OF SCIENCE  
INDUSTRIAL TECHNOLOGY**



**START WITH LAMAR INSTITUTE OF TECHNOLOGY. FINISH AT LAMAR UNIVERSITY!**

**Your Future**

The Bachelor of Science Degree in Industrial Technology (BSIT) deals not only with things but also people, finance, information and the environment. Industrial Technology answers complex questions: How can we improve safety, quality productivity and service? What products or services should we offer? What price should we charge? What materials and methods should we use? How can we best motivate and reward people?

The Bachelor of Science Degree in Industrial Technology at Lamar University is 100% online and prepares you to work effectively in the engineer-technologist team and to assume management responsibilities.

**Career Areas**

- Production
- Automation
- Sales & Operations
- Manufacturing
- Quality Assurance & Control
- Safety

**Types of Employers**

- Chemical & Refining Industry
- Government Agencies
- Pharmaceutical Companies
- Construction
- Hospitals & Medical Facilities
- Public Utility Companies

**LU SCHOLARSHIPS**

AMOUNT/YEAR	TRANSFERABLE GPA	RENEWABLE?
<b>TRANSFER ACADEMIC EXCELLENCE SCHOLARSHIP*</b>		
<b>\$2,000</b>	3.5-4.0	YES
<b>\$1,500</b>	3.0-3.49	YES
<b>PHI THETA KAPPA (PTK) SCHOLARSHIP</b>		
<b>\$1,000</b>	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](http://lamar.edu/myscholarships)
- Complete the General Application

**PRIORITY DEADLINES**

Fall – July 1  
Spring – December 1

## A.A.S. ADVANCED ENGINE TECHNOLOGY

### FALL SEMESTER

DORI 0200 – College Success  
ENGL 1301 – Composition I  
AUTM 2305 – Automotive Engine Theory  
DEMR 1280 – Coop Education  
DEMR 1305 – Basic Electrical Systems

### SPRING SEMESTER

HUMA 1315 – Fine Arts Appreciation  
SPCH 1315 – Public Speaking  
DEMR 1306 – Diesel Engine I  
DEMR 1313 – Fuel Systems  
DEMR 1316 – Basic Hydraulics

### SUMMER AT LIT

HIST 1301 – U.S. History I  
GOVT 2304 – Federal Government  
Life/Physical Science Core Elective

### FALL SEMESTER

MATH 1314 – College Algebra  
DEMR 1323 – Heat, Ven & HVAC Troubleshooting & Repair  
DEMR 1329 – Prventative Maintenance  
DEMR 1401 – Shop Safety & Procedures

### SPRING SEMESTER

SOCI 1301 – Intro to Sociology  
DEMR 1410 – Diesel Engine Test & Repair I  
DEMR 1449 – Diesel Engine II  
DEMR 2334 – Adv. Diesel Tune-up & Troubleshooting  
DEMR 2348 – Failure Analysis

### SUMMER AT LIT

HIST 1302 – U.S. History II  
GOVT 2306 – Texas Government  
Life/Physical Science Core Elective

## B.S. INDUSTRIAL TECHNOLOGY

### FALL SEMESTER

INEN 2301 – Quantitative Methods  
INEN 3300 –Intro to IE  
INEN Elective  
INEN Elective  
LIBR 1101 or LMAR 1101

### SPRING SEMESTER

INEN 3360 – Computer Technology  
INEN Elective  
INEN Elective  
INEN Elective  
PHIL 2306 – Ethics

### FALL SEMESTER

INEN 3330 –Engineering Economy  
INEN 4315 – Industrial Management  
INEN Elective  
INEN Elective

### SPRING SEMESTER

INEN 4301 – Quality Control Application  
INEN 4316 – Industrial & Product Safety  
INEN 4351 – Production & Inventory Systems  
INEN 4369 – Engineering Management



**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 Lamar Institute of Technology
2. Complete your application and transfer to Lamar University through ApplyTexas.org



OFFICE OF ADMISSIONS  
**LAMAR UNIVERSITY**



/lamaruadmissions  
@lamaruadmissions

**PLAN A VISIT TO CAMPUS** (409) 880-8316

plan or take a virtual tour at [lamar.edu/visit](http://lamar.edu/visit)