



**BACHELOR OF  
SCIENCE  
INDUSTRIAL  
TECHNOLOGY**

**COURSES  
AVAILABLE  
ONLINE**



**YOUR  
Moment  
IS HERE**

**START WITH HOUSTON COMMUNITY COLLEGE. FINISH AT LAMAR UNIVERSITY!**

## Your Future

The Bachelor of Science Degree in Industrial Technology (BSIT) deals not only with things but also with 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. INDUSTRIAL ELECTRICITY-ELECTRICAL TECHNOLOGY

### FALL SEMESTER

EDUC 1300 - Learning Framework  
ELPT 1321 - Intro to Electrical Safety & Tools  
ELPT 1315 - Electrical Calculations I  
ELPT 1325 - National Electrical Code I  
ELPT 1370 - Electrical Blueprint Reading

### SPRING SEMESTER

ECON 1301 - Intro to Economics  
Fine Arts Core Elective  
ELPT 1311 - Basic Electrical Theory  
ELPT 1329 - Residential Wiring  
ELPT 1345 - Commercial Wiring

### SUMMER IF APPLICABLE

SPCH 1315 - Public Speaking  
ENGL 1301 - Composition I  
HIST 1301 - American History

### FALL SEMESTER

ELPT 1355 - Electronic Applications  
ELPT 1341 - Motor Control  
ELPT 1357 - Industrial Wiring  
Fine Arts Core Elective  
MATH 1332 - Contemporary Math  
ELPT2380/2337 - Cooperative Education-Electrical and Power Transmission Installation/Electrical Planning & Estimating

### SPRING SEMESTER

ELMT 1301 - Programmable Logic Controllers  
ELPT 2343 - Electrical Systems Design  
ELPT 2305 - Motors and Transformers  
Social Behav Sci Core Elective  
ELPT 2347/2381 - Electrical Testing and Maintenance/  
Cooperative Education -Electrical and Power Transmission Installation

### ADDITIONAL COURSEWORK (at HCC)

#### FALL SEMESTER

PHIL 2306 - Ethics  
GOVT 2305 - Federal Government  
GOVT 2306 - Government  
HIST 1302 - American History II  
Life Phys Sci Core Elective

#### SPRING SEMESTER

Life Phys Sci Core Elective

## B.S. INDUSTRIAL TECHNOLOGY

### FALL SEMESTER

INEN 2301 - Quantitative Methods  
INEN 3300 - Intro to Industrial Engineering  
INEN 3330 - Engineering Economy  
INEN 4316 - Industrial & Product Safety

### SPRING SEMESTER

INEN 4301 - Quality Control Applications  
INEN 4351 - Production and Inventory Systems  
INEN 4369 - Engineering Management  
INEN 3360 - Computer Technology

### FALL SEMESTER

LIBR 1110  
Approved Upper Level Elective  
Approved Upper Level Elective  
Approved Upper Level Elective  
INEN 4315 - Industrial Management

### SPRING SEMESTER

PHYS 1402 - College Physics II  
Approved Upper Level Elective  
Approved Upper Level Elective  
Approved Upper Level Elective  
Approved Upper Level Elective



**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 Houston Community College
2. Complete your application and transfer to Lamar University through [ApplyTexas.org](https://www.applytexas.org)
3. Finish your Industrial Technology degree online



OFFICE OF ADMISSIONS & RECRUITMENT

**LAMAR UNIVERSITY**



[/lamaruadmissions](https://www.lamaruadmissions.com)  
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**PLAN A VISIT TO CAMPUS** (409) 880-8316

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