



**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. MACHINING TECHNOLOGY

### FALL SEMESTER

EDUC 1300 - Learning Framework  
MCHN 1343 - Machine Shop Mathematics  
MCHN 1302 - Print Reading for Machining Trades  
ENTC 1347 - Safety and Ergonomics  
MCHN 1338 - Basic Machine Shop I

### SPRING SEMESTER

HYDR 1345 - Hydraulics and Pneumatics  
MCHN 1320 - Precision Tools and Measurements  
MCHN 1308 - Basic Lathe  
MCHN 1313 - Basic Milling Operations  
MCHN 1305 - Metals and Heat Treatment

### SUMMER IF APPLICABLE

GOVT 2305 - Federal Government  
Phys Sci Core Elective  
HIST 1301 - American History I

### FALL SEMESTER

MCHN 2333 - Adv Lathe Operations  
MCHN 2337 - Adv Milling Operations  
NMT 1370 - Lean Manufacturing  
INMT 1345/MCHN 2331 - Computer Numerical Controls/  
Operation of CNC Turning Centers

### SPRING SEMESTER

Soc Behav Sci Core Elective  
Fine Arts Core Elective  
ENGL 1301 - Composition I (General Education Elective)  
SPCH 1315 - Public Speaking (General Education Elective)  
MATH 1314 - College Algebra Math/Natural Science Elective

### SUMMER (IF APPLICABLE)

MCHN 2341 - Advanced Machining I

### ADDITIONAL COURSES AT HCC

#### FALL SEMESTER

PHIL 2306 - Ethics  
GOVT 2306 - Texas Government  
GOVT 2305 - Federal Government  
PHY SCI Core Elective  
HIST 1301 - American History

#### 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

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**



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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)