



**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. DRAFTING & DESIGN ENGINEERING TECH CAD - PIPE SPECIALIZATION

### FALL SEMESTER

EDUC 1300 - Learning Framework  
DFFTG 1305 - Technical Drafting  
DFTG 1309 - Basic CAD  
ENGL 1301 - Composition I  
MATH 1314 - College Algebra

### SPRING SEMESTER

DFTG 2319 - Intermediate CAD  
Fine Arts Core Elective  
DFTG 2323 - Pipe Drafting  
DFTG 1333 - Mechanical Drafting  
DFTG 2317 - Descriptive Geometry

### SUMMER IF APPLICABLE

Phys Sci Core Elective  
Phys Sci Core Elective

### FALL SEMESTER

DFTG 1395 - Special Topics in Mechanical Drafting CAD  
DFTG 2308 - Instrumentation Drafting  
SPCH 1315 - Public Speaking (Program Approved Elective)  
MATH 1316 - Plane Trigonometry  
Soc Behav Sci Core Elective

### SPRING SEMESTER

ENGL 2311/1302-Technical & Business Writing/Composition II  
DFTG 2340 - Solid Modeling/Design  
DFTG 2345 - Adv Pipe Drafting  
DFTG 2373/1372 - Piping Design Management System/  
Smart Plant 3D Drafting  
ARCE 1352 - Structural Drafting

### ADDITIONAL COURSEWORK (at HCC)

#### FALL SEMESTER

PHIL 2306 - Ethics  
GOVT 2305 - Federal Government  
HIST 1301 - American History  
GOVT 2306 - State Government  
HIST 1302 - American History II

## 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
3. Finish your Industrial Technology degree online



OFFICE OF ADMISSIONS & RECRUITMENT  
**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)