

Admission

Freshman may enter the program once they are admitted to the university; this requires an ACT score of 20 or SAT score of 950+. Students transferring from other colleges must achieve a GPA of 2.0 or above before being permitted to transfer to the department. A student must maintain a 2.5 GPA in the major coursework and 2.0 GPA in all other coursework to graduate with a B.S. in Industrial Technology.



Contact Us

Undergraduate Advising

3900 University Blvd. Tyler, TX 75799

Office Hours:
M-F 8 a.m. - 5 p.m.

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Accredited by



The Association of Technology,
Management, and Applied Engineering



Department of Technology

The University of Texas at Tyler
3900 University Blvd.
Tyler, TX 75799

Bachelor of Science in Industrial Technology Better known as (Applied Engineering)



About COB

The Soules College of Business has two business departments: Accounting, Finance, and Business Law, and Management and Marketing. The college also has a department of Human Resource Development.

In addition, the Soules College of Business houses the School of Technology which includes Industrial Technology, Industrial Management, Information Technology, Computer Science and Computer Information Systems.

The Soules College of Business not only provides students with an invaluable education, it also provides valuable experience through the college's research centers, labs, student organizations and external internships.

About our Program

Industrial Technology is the field concerned with the application of basic engineering principles and technical skills in support of industrial engineers and managers.

Industrial Technology programs typically include instruction in optimization theory, human factors, organizational behavior, industrial processes, industrial planning procedures, computer applications, and report and presentation preparation.

Possible career paths include:

- Plant Manager
- Production Supervisor
- Quality Assurance Manager
- Industrial Engineer
- Manufacturing Engineer
- Technical Sales Representative



Program Courses

Core Curriculum – 42 Hours

Students are required to complete the core curriculum before receiving an academic undergraduate degree. For more information, visit:

www.utt Tyler.edu/admissions/core-curriculum/

Technology Core – 39 Hours

TECH 1303— Engineering Graphics
TECH 1320— Industrial Materials
TECH 2311— Electrical and Fluid Systems
TECH 2319— Programmable Logic Controllers
COSC 1307— Intro to Info. Systems or Equivalent
TECH 3311— Manufacturing Processes
TECH 3324— Plant Layout & Facilities Planning
OR
TECH 3312— Facilities Operations
TECH 3333— Polymer Processing
TECH 3344— Industrial Safety
TECH 4317— Computer Integrated Manufacturing
TECH 4323— Lean Production
TECH 4343— Advanced Manufacturing Processes
UD TECH Elective— (Must be 3000 or 4000 level)

Professional Core Courses— 12 Hours

TECH 3310— Total Quality Management OR
TECH 3320— Lean Six Sigma Green Belt
Techniques
TECH 3355— Supply Chain Management
TECH 3331— Project Management or HRD 4301
Supervision
TECH 4372— Capstone Experience or
TECH 4370— Internship *Requires Dept. Approval

Business Administration Minor —15-18 Hours

ACCT 3300—Acct and Fina for Small Business and
Entrepreneurs (ACCT 2301,2302 will also satisfy).
MANA 3305— Operations Management
MARK 3311— Principles of Marketing
FINA 3315 or FINA3311—Personal Finance
Recommended

UD CoB Elective— ACCT, FINA, BLAW, MANA,
MARK, HRD, TECH, COSC

General Electives 9-15 hours to reach 120 hours

**Note: Earn certifications for OSHA 30 in General Industry Safety as well as FANUC Robotics programming and materials handling