I’m majoring in

Industrial and Systems Engineering

DEGREES OFFERED AT UTEP

Undergraduate

• Bachelor of Science in Industrial and Systems Engineering

Master’s

• Master of Science in Industrial Engineering (M.S.)
• Master of Science in Manufacturing Engineering (M.S.)
• Master of Science in Systems Engineering (M.S.)

Doctoral

• Not Offered

What can I do with this major?

- Industrial Engineer
- Manufacturing Engineer
- Process Engineer
- Quality Engineer
- Engineering Services
- Industrial Process Variable Instruments
- Search, Detection & Navigation Instrument
- Semiconductor and Related Devices
- Computers and Simulation
- Robotics and Automation

Complete list here
IBM Co-op and Intern Program
http://www-03.ibm.com/employment/?lnk=hmmca

Raytheon Internship and Co-op Jobs

Boeing Internships
http://www.boeing.com/boeing/careers/

GE Internships and Co-ops
https://talent.gecareers.com/university

Microsoft Internships

Exxon Mobil Internships and Co-ops

Lockheed Martin Internships and Co-ops
http://search.lockheedmartinjobs.com/ListJobs/ByKeyword/internships/

WISE - Internship
https://wise-intern.org/

Sandia National Labs
http://www.sandia.gov/careers/students_postdocs/index.html

Juju: Industrial Engineering Internship Listings
http://www.job-search-engine.com/keyword/industrial-engineering-internship/

INROADS
https://inroads.org/

WayUp
https://www.wayup.com/member/register
Check out complete occupational profiles.

[utep.edu/careers](http://utep.edu/careers)

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**FIND OUT ABOUT:**

- Work areas
- Types of employers
- Employment information
- Strategies

[utep.edu/careers](http://utep.edu/careers)

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**UTEP Student Organizations**

**Alpha Pi Mu (IE Honor Society)**
https://minetracker.utep.edu/organization/apm

**International Council on Systems Engineering (INCOSE)**
https://minetracker.utep.edu/organization/incosesouthwest

**Engineers Without Borders (EWB)**
https://www.ewb-usa.org/

**Latinos in Science and Engineering (MAES) / Society of Hispanic Professional Engineers (SHPE)**
https://minetracker.utep.edu/organization/maesshe30

**Institute of Industrial Engineers (IIE)**
https://minetracker.utep.edu/organization/iise

**Tau Beta Pi (TBP)**
https://minetracker.utep.edu/organization/TBP

**National Society of Black Engineers (NSBE)**
http://www.nsbe.org/home.aspx

**Society of Women Engineers (SWE)**
http://utep.swe.org/
Visit LinkedIn Learning to develop your skills:

https://www.linkedin.com/learning/

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**National Society of Black Engineers (NSBE)**
http://www.nsbe.org/home.aspx

**Society of Women Engineers (SWE)**
http://utep.swe.org/
Industrial Engineering
http://egfi-k12.org/#/cards/manufacturing

Manufacturing Careers and Resources
http://www.khake.com/page40.html

All Engineering Schools
https://www.allengineeringschools.com/engineering-careers/

Professional Associations - Science and Engineering
http://www.careercornerstone.org/assoc.htm

State Divisions of Occupational Licensure
http://www.khake.com/page5.html

Steps to Becoming a Licensed Engineer
https://www.asme.org/shop/courses/certification-licensure

Structural Engineers - Societies, and Professional Boards
http://www.senh.org/

State Licensing Boards Engineers and Land Surveyors
http://www.ncees.org/licensure/

Engineering Licensing
http://www.ncees.org/

National Academy of Engineering
http://www.nae.edu/

National Science Teacher Association
http://www.nsta.org/

Technical Societies
http://www.aiche.org/TechnicalSocieties/

MIT Open Courseware
https://ocw.mit.edu/index.htm
Indeed: Industrial Engineer Job Listings
http://www.indeed.com/q-Industrial-engineer-jobs.html

Career Builder

Monster.com
http://jobs.monster.com/search/?q=Industrial-Engineering

EngineeringJobs.com
http://www.engineerjobs.com/jobs/industrial-engineering/

Glassdoor.com
What Can I Do with This Major?

- Industrial Engineer
- Manufacturing Engineer
- Process Engineer
- Quality Engineer
- Schedule/Planning Engineer
- Consultant
- Logistics and Distribution
- Operations
- Guided Missiles and Space Vehicles
- Aircraft Engine and Engine Parts
- Custom Computer Programming Services
- Bare Printed Circuit Board
- Electricity & Signal Testing Instruments
- Engineering Services
- Industrial Process Variable Instruments
- Search, Detection & Navigation Instrument
- Semiconductor and Related Devices
- Computers and Simulation
- Robotics and Automation
- Materials Handling
- Management Information Systems
- Advanced Manufacturing Processes
- Facilities Layout and Location
- Artificial Intelligence
- Production and Inventory Control
- Ergonomics and Human Factors
- Operations Research
- Reliability and Maintainability
- Engineering Economic Analysis
- Transportation Systems
- Hospitals and other health-care operations
- Food processing
- Media
- Banking
- Utilities