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









has internship postings, log into your account today.

utep.edu/careers





Raytheon Internship and Co-op Jobs

http://jobs.raytheon.com/en/search/

Boeing Internships

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

GE Internships and Co-ops

https://talent.gecareers.com/university

Microsoft Internships

https://careers.microsoft.com/students/us/en

Exxon Mobil Internships and Co-ops

http://careers.exxonmobil.com/en

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/

WavUp

https://www.wayup.com/member/register









Check out complete occupational profiles.

utep.edu/careers



FIND OUT About:



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

utep.edu/careers





Alpha Pi Mu (IE Honor Society)

https://minetracker.utep.edu/organization/apm

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/maesshpe30

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/











Alpha Pi Mu (IE Honor Society)

https://minetracker.utep.edu/organization/apm

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/maesshpe30

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/

















CONNECT TO:

- World-wide internship and job listings
- Types of employers
- Employment information
- Strategies

Log to GoinGlobal thru your <u>lob Mine</u> account





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

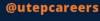
http://www.aiche.org/TechnicalSocieties/

MIT Open Courseware

https://ocw.mit.edu/index.htm













FIND OUT **ABOUT:**

- Occupation descriptions & real-world information
- Career exploration tools & resources for veterans

onetonline.org





Indeed: Industrial Engineer Job Listings

http://www.indeed.com/q-Industrial-engineer-jobs.html

Career Builder

http://www.careerbuilder.com/jobseeker/jobs/jobresults.aspx?s_ rawwords=Industr&s freeloc=

Monster.com

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

EngineeringJobs.com

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

Glassdoor.com

https://www.glassdoor.com/Job/industrial-engineer-jobs-SRCH_KO0,19.htm













FIND OUT ABOUT:

- Earnings
- Expected job prospects
- What workers do on the job
- Working conditions

bls.gov/ooh



JOB MINE

has major-specific documents like resume samples.

To have access go to the **Document Library.**

utep.edu/careers





What Can I Do with This Major?

- **Industrial Engineer**
- Manufacturing Engineer
- **Process Engineer**
- **Quality Engineer**
- Schedule/Planning Engineer
- Consultant
- Logistics and Distribution
- **Operations**
- cles
- Aircraft Engine and Engine Parts -
- Custom Computer Programming Services
- Bare Printed Circuit Board
- Electricity & Signal Testing Instruments
- Engineering Services
- Industrial Process Variable Instru ments
- 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
- Guided Missiles and Space Vehi Production and Inventory Control
 - Ergonomics and Human Factors
 - Operations Research
 - Reliability and Maintainability
 - Engineering Economic Analy-
 - **Transportation Systems**
 - Hospitals and other health-care operations
 - Food processing
 - Media
 - Banking
 - Utilities









