I’m majoring in

Electrical Engineering

DEGREES OFFERED AT UTEP

Undergraduate

• Bachelor of Science in Electrical Engineering
  • Concentrations in: Computer, Devices, Signals and Systems, Power, and Biomedical

Master’s

• Master of Science in Electrical Engineering (M.S.)
• Master of Science in Computer Engineering (M.S.)

Doctoral

• PH. D. in Electrical and Computer Engineering

What can I do with this major?

- Aerospace and Electronic Systems
- Biomedical Engineer
- Control Systems Engineer
- Design Engineer
- Development Engineer
- Microelectromechanical Systems
- Microelectronics
- Network Engineer
- Power Engineering

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

Raytheon Internship and Co-op Jobs
http://jobs.raytheon.com/career-paths/campus-recruiting?campus

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

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

Microsoft Internships

Exxon Mobil Internships and Co-ops

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

Apple

Lockheed Martin Internships and Co-ops
http://lockheedmartinjobs.com/college-students.aspx

WISE – Internship

Texas Instruments
https://careers.ti.com/search-jobs/?job-type=Intern

INROADS
https://inroads.org/

Way Up
https://www.wayup.com/s/internships/engineering/
Check out complete occupational profiles.

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

**Institute of Electrical and Electronics Engineers (IEEE)**

http://engineering.utep.edu/ieee/

**American Society for Engineering Education (ASEE)**

http://www.asee.org/

**Engineering Student Leadership Council (ESLC)**

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

**Association for Computing Machinery (ACM)**

http://acmutep.wordpress.com/tag/volunteers/

**Latinos in Science and Engineering (MAES) / Society of Hispanic Professional Engineers (SHPE)**

https://minetracker.utep.edu/organization/maesshpe30

**Society of Women Engineers (SWE)**

http://engineering.utep.edu/swe/SWE/Home.html

**Eta Kappa Nu (HKN)**

http://www.hkn.org/index.asp

**Tau Beta Pi (TBP)**

http://www.tbp.org/home.cfm

**Biomedical Engineering Society (BMES)**

http://www.bmes.org/
Institute of Electrical and Electronics Engineers (IEEE)
http://www.ieee.org/

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

Society of Women Engineers (SWE)
http://societyofwomenengineers.swe.org/

Eta Kappa Nu (HKN)
http://www.hkn.org/

Tau Beta Pi (TBP)
http://www.tbp.org/

Biomedical Engineering Society (BMES)
https://www.bmes.org/
CONNECT TO:
- World-wide internship and job listings
- Types of employers
- Employment information
- Strategies

Log to GoinGlobal thru your Job Mine account

Online Resources

All Electronics
http://www.allelectronics.com/

Computer Guides - How To
http://pcnineoneone.com/howto/

Computer Hardware
http://cnx.org/content/m15039/latest/

Computer Hardware - Wikipedia
http://en.wikipedia.org/wiki/Computer_hardware

Computer Hardware - Webopedia
http://www.webopedia.com/TERM/H/hardware.htm

Computer Manufacturing - Inside Intel
http://www.intel.com/about/corporateresponsibility/education/index.htm

Computers - How Stuff Works
http://computer.howstuffworks.com/

Motherboard Basics
http://www.pctechguide.com/motherboards

Digital Logic Circuits
http://www.jhu.edu/~virtlab/logic/log_cir.htm

DSL - How It Works
http://www.howstuffworks.com/dsl.htm

Electric Circuits
http://www.allaboutcircuits.com/vol_1/chpt_1/3.html

How a Microprocessor Works
http://www.howstuffworks.com/microprocessor.htm
Major Related Job Sites

Careers in Energy and Power
http://www.khake.com/page49.html

Careers in Lighting
http://www.ncqlp.org/careers/index.html

Communication and Equipment Mechanics

Electric Power Plant Operators
http://www.bls.gov/ooh/Production/Power-plant-operators-distributors-and-dispatchers.htm

Electrical Engineer Career
http://www.ieeeusa.org/careers/#careerpubs

Electrical Engineering - Career Corner
http://www.careercornerstone.org/eleceng/eleceng.htm

Electrical Engineering - Try Engineering
http://www.tryengineering.org/explore.php

Electronic Engineering Technician
http://www.onetonline.org/link/summary/17-3023.01

Engineering Careers
http://www.khake.com/page53.html

Stationary Engineers
http://www.onetonline.org/link/summary/51-8021.00

Power Engineer
What Can I Do with This Major?

- Acoustics, Speech and Signal Processing
- Aerospace and Electronic Systems
- Antennas and Propagation
- Avionics Engineer
- Biomedical Engineer
- Broadcast Technology
- Chief Engineer
- Chip Designer
- Circuits and Systems
- Components, Packaging and Manufacturing
- Computer Engineer
- Consumer Electronics
- Control Engineer
- Control Systems Engineer
- Design Engineer
- Development Engineer
- Dielectrics and Electrical Insulation
- Electromagnetic Compatibility
- Electron Devices
- Electronic Engineer
- Engineering in Medicine and Biology
- Engineering Specialist
- Field Engineer
- Geoscience and Remote Sensing
- Materials
- Mechanical Engineering Technology
- Mechanics
- Mechatronics and Robotics
- Micro Electro-Mechanical Systems
- Mining
- Nanotechnology
- Naval Architecture and Marine Engineering
- Nuclear Engineering
- Pharmaceuticals Industry
- Plant and Equipment Designer
- Plant Engineer
- Power Plant Engineer
- Product Engineer
- Production Supervisor
- Project Manager
- Rail Industry
- Refinery Engineer
- Renewable Energy
- Robotics
- Manufacturing