

I'm majoring in...Electrical Engineering

Degrees offered at UTEP: Bachelor of Science in Electrical Engineering

Concentrations in : Computer, Devices, Signals and Systems, Power, and Biomedical

INTERNSHIP
OPPORTUNITIES

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INTERNSHIP OPPORTUNITIES

Job Mine has hundreds of internship postings, log into your account today, www.utep.edu/careers.

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

<http://careers.microsoft.com/careers/en/us/collegehome.aspx>

Exxon Mobil Internships and Co-ops

<http://careers.exxonmobil.com/en/How%20we%20hire/Student-US>

NSA

<https://www.nsa.gov/careers/>

NPS

<http://www.nps.gov/findapark/index.htm>

Sandia National Labs

http://www.sandia.gov/careers/students_postdocs/index.html

Apple

<http://www.apple.com/jobs/us/students.html>

Fermilab/SIST

<http://sist.fnal.gov/>



Watch this and other career related videos on our website:
www.candidcareer.com/utep

Honda

<http://corporate.honda.com/careers/find-a-job.aspx>

Lockheed Martin Internships and Co-ops

<http://lockheedmartinjobs.com/college-students.aspx>

WISE – Internship

<http://www.wise-intern.org/application/index.html>

Texas Instruments

<https://careers.ti.com/search-jobs/?job-type=Intern>

INROADS

<https://inroads.org/>

■ UTEP STUDENT ORGANIZATIONS

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/>

National Society of Black Engineers (NSBE)

<http://organizations.utep.edu/Default.aspx?alias=organizations.utep.edu/NSBE>

The Joint Student Chapter of the Society of Mexican American Engineers and Scientists (MAES) and the Society of Hispanic Professional Engineers (SHPE)

<http://organizations.utep.edu/Default.aspx?alias=organizations.utep.edu/maesshpe>

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/>



See videos and read occupation profiles

PROFESSIONAL ORGANIZATIONS

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/>

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

Electrical Associations

<http://www.electric-find.com/associations/associations.htm>

Electrical Contractor Licensing Boards

<http://www.electric-find.com/license.htm>

Electrical Organizations

http://www.ieee.org/societies_communities/index.html

Electronic Components and Equipment

<http://futurlec.com/>

Embedded Computer Technologies

http://www.intel.com/p/en_US/embedded/hsw/technology/?iid=tech_product%20embedded

Fiber Optics

http://en.wikipedia.org/wiki/Optical_fiber

Hard Disks – PC Tech Guide

<http://www.pctechguide.com/hard-disks>

High Speed Communication Circuits

<http://www.ice.rwth-aachen.de/publications/publications-detail/bib/Dawid94ISCAS/>

How a Microprocessor Works

<http://www.howstuffworks.com/microprocessor.htm>

Microelectronic Devices and Circuits

<http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-012-microelectronic-devices-and-circuits-fall-2009/lecture-notes/>

Electrical Careers and Resources Links

<http://www.khake.com/page18.html>

WebEE - Electrical Engineering Resources

<http://electronicdesign.com/>

Electrical Engineer Salary Outlook

<http://www.engineersalary.com/Electrical.asp>

Electrical Engineering: The Princeton Review

<http://www.princetonreview.com/>

We encourage you to speak to an advisor, faculty or a Career Center representative to discuss your options.
103 W. Union Bldg. (915) 747-5640 careers@utep.edu



Introduction to Electric Circuits

<https://www.sciencedirect.com/science/book/9780340631980>

■ MAJOR RELATED JOB SITE**Apprenticeships**

<http://www.khake.com/page58.html>

Audio and Video Technicians

<http://www1.ctdol.state.ct.us/jcc/profile.asp?sstrOccupationCode=274011>

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

<http://www.bls.gov/ooh/Installation-Maintenance-and-Repair/Telecommunications-equipment-installers-and-repairers-except-line-installers.htm>

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>

Elevator Installers and Repairers

<http://www.iseek.org/>

Engineering Careers

<http://www.khake.com/page53.html>

Entrepreneur - Start Your Own Business

<http://www.khake.com/page31.html>

Stationary Engineers

<http://www.onetonline.org/link/summary/51-8021.00>

We encourage you to speak to an advisor, faculty or a Career Center representative to discuss your specific interests.
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Lighting Engineer

<http://hiring.monster.com/>

Power Engineer

<http://www.todaysengineer.org/2011/Jun/career-focus.asp>

Robotics Technologist

<http://www.roboticstechnologyinc.com/>

Special Effects Specialist

www.fxsupply.com/features/careers.html

RELATED OCCUPATIONS

WHAT CAN I DO WITH THIS MAJOR?

1. Acoustics, Speech and Signal Processing
2. Aerospace and Electronic Systems
3. Antennas and Propagation
4. Avionics Engineer
5. Biomedical Engineer
6. Broadcast Technology
7. Chief Engineer
8. Chip Designer
9. Circuits and Systems
10. Components, Packaging and Manufacturing
11. Computer Engineer
12. Consumer Electronics
13. Control Engineer
14. Control Systems Engineer
15. Design Engineer
16. Development Engineer
17. Dielectrics and Electrical Insulation
18. Electromagnetic Compatibility
19. Electron Devices
20. Electronic Engineer
21. Engineering in Medicine and Biology
22. Engineering Specialist
23. Field Engineer
24. Geoscience and Remote Sensing
25. Global Telephony Engineer
26. Industrial Electronics
27. Industry Applications
28. Instrumentation Engineer
29. Lasers and Electro-Optics
30. Magnetics
31. Mechatronics
32. Microelectromechanical Systems
33. Microelectronics
34. Network Engineer
35. Oceanic Engineering
36. Power Distribution Electrical Engineer
37. Power Engineer
38. Product Applications Engineer
39. Radar Systems Engineer
40. Reliability Engineer
41. Reliability Instrument Engineer
42. Research Engineer
43. Robotics
44. Rotating Equipment Electrical Engineer
45. Software Engineer
46. Start Up Engineer
47. Systems Design Engineer
48. Systems Engineer
49. Technical Editor
50. Telecommunications Engineer