

What can I do with a major in...

ELECTRICAL ENGINEERING

Electrical Engineers design, develop, test, and supervise the manufacturing of electrical equipment, such as electronic motors, radar and navigation systems, communication systems, or power generation equipment.

INDUSTRIES:

Engineering Services, Electric Power Generation, Transmission and Distribution, Semiconductor and other Electronic Component Manufacturing

Common Job Titles

Software Development
Engineer
Programmer
Software Engineer

Salary

\$62,527

ENTRY LEVEL

\$97,340

MEDIAN ANNUAL



Popular Employers

Amazon
Google Inc.
Facebook

Tools

Laboratory Evaporators
Semiconductor Process
Systems
Signal Generators
Spectrometers
Tube Furnaces

1.5%
UNEMPLOYMENT

Technology

Analytical/ scientific software
Computer Aided Design
Software
Development Environment
Software
Object or Component Oriented
Development Software

Work Styles

Concentration
Interpersonal Skills
Speaking Skills
Writing Skills
Initiative

Related Occupations

Computer Hardware Engineer
Aerospace Engineer
Biomedical Engineer
Sales Engineer
Electrician



Electrical Engineers:

- Design new ways to use electrical power to develop or improve products
- Perform detailed calculations to develop manufacturing, construction, and installation standards and specifications
- Investigate complaints from customers or the public, evaluate problems, and recommend solutions.
- Work with project managers on production efforts to ensure that projects are completed satisfactorily, on time, and within budget.

Advice
from
the Pros

Develop a Portfolio.

Participate in every hands on, experimental learning opportunity that a balanced schedule allows. This way, you'll have something unique to show a prospective employer when you graduate, while other students will only be able to list their courses.



Learn the Value of Networking.

When it comes to being a leader, WHO you know is almost as important as WHAT you know. Attend lectures on campus and introduce yourself to the speakers. Build your LinkedIn profile.



Be a Team Player.



Throughout your career, you can be sure you'll work in teams, and the skills you develop in school will help prepare you to lead teams when you graduate.

Make Connections.

Attend lectures on your campus and introduce yourself to the speakers. Check with your school's alumni association to get a list of alumni from your program who want to connect with undergraduates.

