

What to do with a degree in...

ELECTRICAL ENGINEERING

A degree in Engineering, Architecture or Technology provides the knowledge and tools for problem solving. Be aware that the actual work that engineers perform will vary depending on the company and industry in which they work. Some engineers work

in a research or development capacity, while others serve in management roles. The work environment also varies, including outdoor work, work in an office setting, or a combination.

SKILLS

The program is centered around five areas: communications, controls and signal processing; computers; lasers and photonics; electronics and mixed signal VLSI; and power. Within these areas, students are given

various opportunities that accommodate their goals and allow them to thrive as an Electrical Engineer in industry.

CAREER PATHS

AIRCRAFT SYSTEMS ENGINEER
APPLICATIONS ENGINEER
ASSISTANT ENGINEER
AUDIO VISUAL ANALYST
CONTROL & INSTRUMENTATION ENGINEER
DESIGN ENGINEER
ELECTRICAL DESIGN ENGINEER
ELECTRICAL ENGINEER
ELECTRO-PHYSICS ENGINEER
GLOBAL PROPULSION SYSTEMS TRACK ENG.
HARDWARE ENGINEER

MANAGEMENT TRAINEE
PIPELINE EMPLOYEE
PROTECTION AND CONTROL ENGINEER
REACH ELECTRICAL ENGINEER
ROTATIONAL ENGINEER
SOFTWARE ENGINEER
TECHNOLOGY SERVICES
TELECOM ENGINEER

WHO HIRES ELECTRICAL ENGINEERING MAJORS

Allied Engineering Group
American Castings
American Electric Power
The Boeing Company
ESDC Engineering
ExxonMobil
Frontier Electronic Systems Corp.
Georgia-Pacific

Holly Frontier
Honeywell
L-3 Communications
NASA
Sandia National Labs
Substitute Electronics
Tinker AFB
Valero Energy Corp.



STARTING AVERAGE SALARIES

(DATA GATHERED FROM
OSU CEAT GRADUATES)

2017 - \$67,200

2018 - \$67,800

2019 - \$66,820

TIPS FOR SUCCESS IN ELECTRICAL ENGINEERING

- To do consulting work as an Electrical Engineer, the FE exam must be passed to practice as a Professional Engineer (PE)
- Obtain a Co-Op or Internship early in your career, as it will allow you to discover your career interests while also serving as a great resume builder
- Getting to know your professors can benefit you in the long run by providing you Teaching or Research Assistant opportunities

GET INVOLVED ON CAMPUS

Eta Kappa Nu - Electrical Engineering Honor Society
Institute of Electrical and Electronics Engineers (IEEE)

Additional Resources About Electrical Engineering Careers:
ece.okstate.edu
www.ieee.okstate.edu

MARKETABLE SKILLS OF ELECTRICAL ENGINEERING GRADUATES

- Analytical and Critical Thinking
- Design and Development
- Knowledge of Power and Control Systems
- Operation Monitoring
- Production and Testing
- Project Planning and Presentation
- System Communication Experience
- Technical Writing



For More Information About
Electrical Engineering at OSU:

Prospective Student Services:
(405) 744-5276

Career Services:
(405) 744-3858

HireOSUGrads.com