

COMPUTER 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.

CAREER PATHS IN COMPUTER ENGINEERING

- Assistant Electrical Engineer
- Engineer
- Information Technology Rotational Program
- Mobile Software Engineer
- SLS RAM + T Systems Engineer
- Software Developer
- Software Developer and Integrator
- Software Engineer
- Software Test Engineer

WHO HIRES COMPUTER ENGINEERING MAJORS

- Burns and McDonnell
- Boeing
- ExxonMobil
- Texas Instruments
- Tinker AFB
- USAA
- Watterfield Technologies

HIRESUGRADS.com

COMPUTER ENGINEERING

Each student in computer engineering is given the skills to create and improve computer systems, whether it be a hardware implementation or a software issue. By teaching both, students are able to understand many aspects of computer systems, and get experience applying advanced concepts to design.

TIPS FOR SUCCESS IN COMPUTER ENGINEERING

- For computer engineering, the FE is not required to be a practicing engineer in most industries. If you wish to be a computer engineer at a consulting firm or for the government, taking the FE is highly recommended.
- OSU has a very active Institute of Electrical and Electronics Engineers(IEEE). They offer opportunities for students to engage with industry professionals.
- For hands-on experience in hardware and software implementation, students are encouraged to join Mercury Robotics, a design team that creates and competes a new robot each year.
- Students are also encouraged to join other organizations at both the college and university levels in addition to their professional society.

FOR MORE INFORMATION ABOUT
COMPUTER ENGINEERING AT OSU

Prospective Student Services:
(405) 744-5276

Career Services:
(405) 744-3858

ADDITIONAL RESOURCES ABOUT COMPUTER ENGINEERING CAREERS

Computer Engineering at OSU:

<http://www.ece.okstate.edu>

Institute of Electrical and Electronics
Engineers OSU Chapter:

<http://www.ieee.okstate.edu>

Institute of Electrical and Electronics
Engineers:

<http://www.ieee.org>

STARTING AVERAGE SALARIES

(Data gathered from OSU CEAT graduates)

2013– \$66,800

2014– \$67,662

2015– \$65,350

MARKETABLE SKILLS OF COMPUTER ENGINEERING GRADUATES

- Fluency in multiple relevant computer languages, including high and low levels
- Ability to assemble and design complex pieces of circuitry
- Knowledge of software used for design and synthesis in industry
- Experience working in team environments to succeed in the professional realm