

# CIVIL 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. With Civil Engineering being one of the oldest engineering disciplines, masters of the craft have been supervising the design and construction processes of infrastructure for years, and with this degree you will be able to apply what you have learned to real world issues.



## WHO HIRES CIVIL ENGINEERING MAJORS

ODOT, ExxonMobil, Phillips 66, American Electric Power, Zeeco, Inc., Tetra Tech Inc., Cowan Group Engineering, Olsson Associates, Huitt-Zollars, Garver, ISTI Plant Services, US Navy Civil Engineer Office Corp, Kimley-Horn & Associates, Wallace Engineering, John Zink Hamworthy Combustion, Atlas Paving Co., CEC Solutions, H.W. Lochner, Granite Construction, Holder Construction, Burns &McDonnell, CP&Y, US Army, Halliburton, Linde Process Plants, Lee C. Moore, A Woolslayer Company, Halff Associates, J.D. Hair & Associates, Triad Design Group, Aguirre & Fields, Schemmer, AIA Engineers, ODEQ, Mehlburger Brawley, and Guy Engineering

## CIVIL ENGINEERING MAJORS EARN THE FOLLOWING SKILLS:

The curriculum designed gives students the ability to apply knowledge of math, science, and engineering, conduct experiments, analyze data, and communicate effectively basic concepts in the areas of management, business, public policy, and leadership.

**HIRESUGGRADS.com**

## CAREER PATHS

- Designer Engineer
- Land Development Engineer
- Field or Project Engineer
- Assistant/Jr. Civil Engineer
- Environmental Engineer
- Structural or Transportation Engineer

## TIPS FOR SUCCESS IN CIVIL ENGINEERING

- Take the Fundamental of Engineering exam as soon as possible during or after your senior year.
- Consider obtaining a master of science degree in order to have an advantage over an undergraduate-only trained engineer.
- Take and Pass the Professional Engineering exam on the first attempt after four years of work experience.

### GET INVOLVED ON CAMPUS

- American Society of Civil Engineers
- CEAT Student Council
- CEAT Ambassadors
- National Society of Black Engineers
- Society of Women Engineers
- Society of Hispanic Professional Engineers
- Tau Beta Pi

FOR MORE INFORMATION ABOUT CIVIL ENGINEERING AT OSU:

**Prospective Student Services:**  
(405) 744-5276

**Career Services:**  
(405) 744-3858

## ADDITIONAL RESOURCES ABOUT CIVIL ENGINEERING CAREERS

- [hireosugrads.com](http://hireosugrads.com)
- [cive.okstate.edu](http://cive.okstate.edu)
- [www.asce.org](http://www.asce.org)
- [www.bls.gov](http://www.bls.gov)

## STARTING AVERAGE SALARIES

(Data gathered from OSU CEAT graduates)

**2013– \$51,800**  
**2014– \$54,863**  
**2015– \$62,100**

## MARKETABLE SKILLS OF CIVIL ENGINEERING GRADUATES

- Project Planning
- Research skills
- Design, development, test, and production skills
- The ability to develop new theories
- The ability to test and prove existing theories
- Construction skills
- Analytical and quantitative abilities
- The ability to work well with others in a team
- Knowledge of architecture systems and their functions