

What to do with a degree in...

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.

SKILLS

The Civil Engineering degree program educates and prepares graduates to contribute to society through the practice of civil engineering in a variety of contexts, including the protection of public health, safety, and welfare and the development of

sustainable engineering solutions. Graduates can advance within their profession and eventually attain their professional licensure (PE) and positions of leadership.

CAREER PATHS

ASSISTANT/JR. CIVIL ENGINEER
BRIDGE PROJECT ENGINEER
CONSTRUCTION PROJECT ENGINEER
CONSTRUCTION PROJECT MANAGER
COST ENGINEER
DESIGNER ENGINEER
ENVIRONMENTAL ENGINEER
ESTIMATOR
FIELD OR PROJECT ENGINEER
GEOTECHNICAL ENGINEER
HYDRAULICS ENGINEER

HYDROLOGICAL ENGINEER
LAND DEVELOPMENT ENGINEER
PROJECT ENGINEER
PROJECT MANAGER
ROADWAY DESIGN ENGINEER
SITE CIVIL ENGINEER
STRUCTURAL ENGINEER
TRANSMISSION LINE ENGINEER
TRANSPORTATION ENGINEER

WHO HIRES CIVIL ENGINEERING MAJORS

American Electric Power
Atlas Paving Co.
Cowan Group Engineering
ExxonMobil
Garver
Huitt-Zollars
ISTI Plant Services
John Zink Hamworthy Combustion

Kimley-Horn & Associates
ODOT
Olsson
Phillips 66
Tetra Tech Inc.
US Navy Civil Engineer Office Corp
Wallace Engineering
Zeeco, Inc.



STARTING AVERAGE SALARIES

(DATA GATHERED FROM
OSU CEAT GRADUATES)

2022 - \$64,600

2023 - \$71,404

2024 - \$69,870

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 (ASCE)

Chi Epsilon

ASCE Competitioin Teams (Concrete Canoe, Steel Bridge)

Engineers Without Borders

Additional Resources About Civil Engineering Careers:

www.asce.org

cive.okstate.edu

www.it.org

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



For More Information About
Civil Engineering at OSU:

Prospective Student Services:
(405) 744-5279

Career Services:
(405) 744-3858

HireOSUGrads.com