Civil engineers plan, design, and build the structures and systems essential to American civilization: buildings, bridges, tunnels, and dams; harbors and airports; waterways, railways, and highways; water treatment plants; irrigation and drainage systems; landfills; and wastewater treatment plants. This is one of the few areas of engineering in which the engineer deals directly with the public in every phase of the job. Civil engineering at Ohio State offers the prospective student an exciting academic program enhanced by experiences in state-of-the-art laboratory facilities. It also offers a challenging environment designed to provide students with the resources and background necessary to pursue activities in the many different areas of civil engineering. The department’s professors are internationally recognized as leaders in their respective areas.

Career Areas/Job Titles:

Management and Industry
- Consultant
- Sales Person
- Manager
- Operations Specialist
- Construction Manager

Science and Technology
- Research & Design Specialist

Education
- K-12 Teacher
- Professor

Government/Politics
- Government Consultant

Civil Engineer
- Environmental Engineer
- Structural Designer
- Lobbyist
- Urban Planner
- Transportation Specialist
- Infrastructure Specialist
- Lawyer

Transferable Skills:
- Artistic Design
- Basic Computer Skills
- Building and Construction
- Engineering Fundamentals
- Mathematic Skills
- Physics Foundation
- Expressing Ideas
- Persuasion
- Provide/Respond to Feedback
- Use Technology Effectively
- Teamwork
- Conceptualization
- Defining Needs
- Forecasting/Predicting
- Identifying Problems
- Setting Goals
- Attention to Detail
- Judgment & Decision Making
- Managing Time/Stress
- Administrative Skills
- Strategic Planning/Visioning
- Creating Innovative Solutions
- Multi-tasking
- Quantitative Reasoning
- Data Analysis
- Analytical/Critical Thinking
- Problem Solving

*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.

Professional Links:

American Society of Civil Engineers: [http://www.asce.org](http://www.asce.org)


Civil Engineering at Ohio State: [http://ceg.osu.edu/undergraduate/civil-engineering](http://ceg.osu.edu/undergraduate/civil-engineering)