

## Civil Engineering

[www.wmich.edu/cce/undergrad.php](http://www.wmich.edu/cce/undergrad.php)

## Resources for Career Guidance and Exploration

### Major Skills:

- Critical Thinking
- Reading Comprehension
- Science
- Complex Problem Solving
- Active Learning & Listening
- Judgement & Decision Making
- Mathematics
- Negotiation
- Monitoring

### What Does a Civil Engineer Do?

Plan, design, oversee construction and maintenance of:

- Roads
- Railroads
- Dams
- Power Plants
- Airports
- Bridges
- Irrigation Projects
- Water & Sewage Systems
- Harbors
- Channels
- Pipelines
- Waste Disposal Units

### All-Purpose Career Resources:

[BroncoJOBS.wmich.edu](http://BroncoJOBS.wmich.edu)

**VAULT**

(Accessible Through Go WMU)

[careerbuilder.com](http://careerbuilder.com)

[CareerJournal.com](http://CareerJournal.com)

**College Grad.com**

**USAJOBS**  
"WORKING FOR AMERICA"

**Perfect**  
INTERVIEW



Federal Internship Directory  
Student Loan Repayment Program  
[www.makingthedifference.org](http://www.makingthedifference.org)

### Relevant Student Organizations:

American Society of Civil Engineers

<http://www.asce.org/asce.cfm>

Society of Women Engineers

<http://www.swe.org>

Tau Beta Pi

<http://www.rso.wmich.edu/taubetapi>

Theta Tau-Pi Beta Chapter

<http://www.wmuthetatau.com/Home.html>

National Society of Black Engineers

<http://www.rso.wmich.edu/nsbe/>



# Linking Majors to Occupations

## Companies Hiring Civil Engineering Majors:

- Kiewit
- MDOT
- Delaware Dept. of Transportation
- Kimley-Horn & Associates
- Weaver Boos Consultants
- HBE Corporation
- DTE Energy
- Kalamazoo County Road Commission



## Federal Government Agencies hiring Civil Engineers:

- Department of Defense
- Department of Interior

## Employers of Civil Engineering Graduates:

- Transportation Corporations
- Government Agencies
- Utility Companies
- Environment Industries
- Mining Industry
- Design Firms
- U.S. Federal Government

## Major Specific Career Resources:

- Civil Engineering Jobs : <http://www.civilengineeringjobs.com/>
- Engineer Jobs: [http://www.engineerjobs.com/Civil\\_Engineer\\_jobs.html](http://www.engineerjobs.com/Civil_Engineer_jobs.html)
- Dice: <http://civil-engineer-jobs.dice.com/>
- Engineering Central: <http://www.engcen.com/civil.asp>

## For Further Information:

- O-NET Dictionary of Occupational Titles: <http://online.onetcenter.org/>
- Occupational Outlook Handbook: <http://www.bls.gov>