



# What can I do with a major in Civil Engineering

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*The information below describes typical occupations and employers associated with this major.*

*Understand that some of the options listed below may require additional training.*

*Moreover, you are not limited to these options alone when choosing a possible career path.*

## **Description of Civil & Environmental Engineering**

The Department of Civil and Environmental Engineering (CEE) has a rich tradition of producing quality civil engineering graduates for industry and for graduate school. Our ABET accredited Bachelor of Science degree in Civil Engineering is available to you alongside concentrations in structural, transportation, geotechnical, environmental/water resources, and construction engineering. All CEE faculty members are engaged in consulting activities and have design experience.

Our graduates have done very well in industry over the years, and our alumni are very willing to provide internships for students. The majority of our students work for organizations in the public and private sector while attending CBU. The civil engineering program can also help you prepare for graduate school. Our students have historically fared very well in state and regional competitions against other universities in the South. In addition, our students have earned recognition for presenting papers at regional and local conferences.

## **Possible Job Titles of Civil & Environmental Engineering Graduates (Includes Full-Time, Internships & Co-Ops)**

*(\*Jobs secured as reported by CBU Career Services post-graduate survey)*

CADD Technician- Civil Engineering	Environmental Engineer*	Project Manager for Road Construction
Civil Associate	Environmental Engineer/Geologist	Senior Civil Engineer
Civil Construction Inspector	Environmental Engineer/Project Manager	Senior Structural Engineer*
Civil Design Engineer	Environmental Specialist - Construction	Structural Transmission Line Engineer
Civil Engineer*	Environmental/Wastewater Engineer	Superintendent - Civil Construction
Civil Transportation Engineer	Facilities Civil Engineer	Traffic Engineer*
Civil/Water Resources Engineer	Junior Civil Engineer	Transportation Engineering
Engineering Project Specialist	Mechanical Civil Engineer	
Entry Level Environmental Engineer	Project Engineer - Architectural	

## **Possible Employers and Employment Settings for Civil & Environmental Engineering Graduates**

*(\*Jobs secured as reported by CBU Career Services post-graduate survey)*

Allen & Hoshall*	Hess Environmental Services*	P3Pro
Alternative Energy Development	Houston Engineering	Rimkus Consulting Group
Archer Malmo*	Integ Group	Skanska USA Inc
BETA Group Inc.	J.M. Waller	Staffing the Universe
CapTec Engineering, Inc.	JEA	Stantec
Company Confidential	Kadmas, Lee & Jackson, Inc	Supreme Industries Inc.
DSCI	Kier & Wright Civil Engineers & Surveyors	TN Department Of Transportation*
Espo Engineers	Marathon Petroleum	Tetra Tech
Florence & Hutcheson Consulting*	Matrix Design Group	Think Energy Group
FMC Corporation	Mercedes Benz US International	Thomas & Betts*
Forsgren Associates, Inc.	Michael Baker Corporation	U.S. Army Corps Of Engineers*
GZA GeoEnvironmental	MRI Network	Weston and Sampson

### **Skill Sets and Interests Associated with Civil & Environmental Engineering Majors**

Analyze ideas and use logic	Identify patterns	Perceive and Visualize
Analyze user needs & requirements	Identify problems	Reason and Problem Solve
Communicate	Innovate	Solve problems
Design equipment & technology	Judge the costs and benefits	Time Management
Develop rules & guidelines	Listen to others, ask questions	Work well with people
Express ideas clearly	Measure and improve performance	

### **Top Career Services Resources for Civil & Environmental Engineering Majors**

Career Resources Library (Buckman 207)  
Handshake: <http://cbu.joinhandshake.com>  
Memphis Business Journal, Book of Lists

### **Find out what careers you might be a fit for you using:**

TypeFocus: [www.typefocus.com](http://www.typefocus.com) (Access Code: CBU8998)

### **CBU Campus Contacts Associated with Civil Engineering**

CBU School of Engineering  
Nolan Engineering Center, First Floor  
(901) 321-3405

### **Additional Resources/Contacts for Civil & Environmental Engineering Majors**

American Society Of Civil Engineers: <http://www.asce.org/>  
Tennessee Society Of Professional Engineers: <http://www.tnspe.org/>  
American Academy Of Environmental Engineers & Scientists: <http://www.aaees.org/>