



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 | Kadrmaz, 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)
CareerLinX: <https://cbu-csm.symplicity.com/students/>
Memphis Business Journal, Book Of Lists

Sign up for a free account and find out what careers you might be a fit for using:

TypeFocus: www.typefocus.com (Access Code: CBU8998)
SIGI 3: www.tinyurl.com/cbusigi

CBU Campus Contacts Associated with Civil & Environmental Engineering

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|---|---|
| Gene McGinnis - Chair, Assistant Professor (901) 321-3279 - gmcginni@cbu.edu | Leslie M. Herlihy - Administrative Assistant (901) 321-3405 - ldunn@cbu.edu |
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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/>