**FREQUENTLY ASKED QUESTIONS: BS in Construction Management (CM) and BS in Construction Engineering and Management (CEM)**

What type of job can I get with a BS in CM or CEM?

* Project and field engineers for construction companies, municipalities and engineering firms
* Superintendents (run construction sites)
* Estimators (determining construction cost)
* VDC and BIM (use software systems to model and manage construction projects)
* Planners and schedulers
* Project managers (oversee entire projects)

Where do BS in CM or CEM graduates work?

* General contractors and specialty contractors
* Owners and developers, construction management firms, engineering consulting firms
* Other construction related organizations – supply, manufacturing, insurance agencies, law firms
* Government agencies – city, county, transportation, education, military

What type of job can I get with a BS in CEM?

CEM professionals have the option of either working in an office setting or out in the field, or both. Some CEM professionals focus on the design aspect, while others focus on the actual build phase of each project. There are many career paths to choose from with a degree in CEM:

* General contractors (bridges, roads, buildings, healthcare, data centers, sports facilities)
* Municipalities, transportation departments, military and other government agencies
* Owners and developers, construction management firms
* Mechanical/electrical contractors, and other specialty contractors
* Renewable energies
* Consulting and design firms
* Oil and gas industry
* Other construction related organizations – supply, manufacturing, insurance agencies, law firms

Which degree graduates are eligible to take the Fundamentals of Engineering exam?

Both degree graduates, BS in CM and CEM, are eligible to take the Fundamentals of Engineering exam. As your career progresses, you may have the opportunity to take the PE exam to become a licensed Professional Engineer. A BS degree in CM and the BS in CEM with the Computer Science specialty will have to complete more years of experience before being eligible to take the PE exam.

What is the difference between a BS degree in CM and CEM?

A BS in CM has more management courses and requires fewer engineering and math courses. It is the most common degree in the USA for working in the construction industry at a management level. A BS in CEM (or Construction Engineering) is an engineering degree with more engineering and math courses than the BS in CM. This degree is new within the engineering disciplines and is sought after by the entire construction industry, government agencies and consulting firms.

What is the difference between a BS in business/management from the Business School and the BS in CM?

The BS in CM is based in the College of Engineering, Design and Computing (CEDC). The degree requires a minimum of 5 courses from the Business School to provide a solid foundation in business and management. Unlike most other BS in CM in Colorado, the CU Denver BS in CM has a strong engineering and design basis as the program is in the CEDC and being offered jointly with a BS in CEM. For example, students working on a BS in CM are required to take a freshman level introduction to the process of design (ENGR 1208).

What is the difference between a BS in engineering (like civil engineering) and CEM?

BS degrees in civil, mechanical and electrical (for example) engineering are traditional engineering degrees that have prescribed requirements in math, science and engineering design that come from the Accreditation Board for Engineering and Technology (ABET) accreditation requirements. The BS in CEM (or Construction Engineering) is a newer degree that has different ABET accreditation requirements. The ABET requirements include more business, management and construction topics.

Are the two new degrees accredited?

The BS in CM and BS in CEM were developed and are being launched to meet Accreditation Board for Engineering and Technology (ABET) accreditation. The BS in CM will be accredited under the Applied and Natural Science Accreditation Commission and the BS in CEM will be accredited under the Engineering Accreditation Commission. The accreditation cannot be awarded until there is at least one graduate in the degree program. The CEM program is applying for accreditation in 2023 and hope to be awarded accreditation for both programs summer 2024. If so, then all (past and future) graduates will be awarded accredited degrees.

What can be used for a technical elective? Courses in math, science, architecture, business, engineering, construction and technical communication.