

# Construction Management

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**Building Technologies Division** (<https://www.uaa.alaska.edu/academics/community-and-technical-college/departments/construction-design-and-safety>)  
(907) 786-6465

The construction management (CM) program provides comprehensive preparation and education to meet the growing need for highly trained and educated construction management professionals. Construction managers plan, direct, and are responsible for managerial oversight of construction projects. They are responsible for coordinating and managing people, materials and equipment; budgets, schedules and contracts; and for the safety of employees and the general public. Construction managers work closely with architects, engineers, owners and other contractors on a construction project. Construction managers determine construction means and methods and the most cost-effective plans and schedules. They control construction costs, administer the contract and monitor work progress while ensuring compliance with the project design. Construction managers work in all sectors of the construction industry, for both public and private owners, on projects that range from residential projects to skyscrapers and from rural roads to major highways and bridges. The construction manager's duties are varied, challenging and rewarding.

The CM program at UAA was developed with input from Alaska contractors and professional industry organizations to provide students with a broad knowledge of construction processes and techniques. CM graduates understand basic business principles and possess broad knowledge of the technical and operational aspects of the construction industry. Graduates are able to function both in the construction office and on the job site.

The wide diversity in the construction management profession creates a similar diversity of employment opportunities for graduates. Associate degree graduates are prepared for entry-level positions in varying construction management roles for contractors in both home office and project office/field situations. Bachelor's degree graduates are prepared for a wide variety of professional-level employment opportunities in construction companies, construction management consulting firms, and in the offices of government and project owner agencies. The Associate of Applied Science in Construction Management requires four to five semesters to complete. The Bachelor of Science in Construction Management requires eight to nine semesters to complete.

The Associate of Applied Science in Construction Management and the Bachelor of Science in Construction Management are accredited by the American Council for Construction Education (ACCE). Accreditation for the two-year Associate of Applied Science (AAS) degree in Construction Management will end at the end of spring 2019 semester. Note: the AAS degree is the first two years of the accredited four-year Bachelor of Science in Construction Management degree.

## Advising

Students are strongly encouraged to consult the faculty in the CM program for assistance in designing their course of study to ensure all preparation requirements and prerequisites have been met and that university and major degree requirements are understood and followed.

CM students should meet with their academic advisor each semester for the purpose of reviewing their academic progress and planning future courses. It is particularly important for students to meet with their advisor whenever academic difficulties arise. Please call (907) 786-6465 to arrange an appointment with an academic advisor.

## Preparation

Students seeking a degree in construction management should prepare for entrance into the program by completing the following high school courses:

- Mathematics - Algebra II (skill level as demonstrated by ACT, SAT, or UAA-approved placement test to qualify for enrollment in MATH A105).
- Writing - Composition (skill level as demonstrated by ACT, SAT, or UAA placement test to qualify for enrollment in WRTG A111).

The university offers courses to help students without this preparation to meet the math and writing skill levels required in the CM program. Insufficient preparation will increase the number of semesters required to complete the degree.

## Programs of Study

### Associate of Applied Science

- AAS in Construction Management (<http://catalog.uaa.alaska.edu/undergraduateprograms/ctc/constructionmanagement/aas-constructionmanagement>)

### Bachelor of Science

- BS in Construction Management (<http://catalog.uaa.alaska.edu/undergraduateprograms/ctc/constructionmanagement/bs-constructionmanagement>)

## Faculty

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