The construction management associate of applied science degree program meets the growing needs of the construction industry for preparation of entry-level construction managers and continuing education for those currently in the industry.

Graduates will be prepared to plan and manage all aspects of construction projects including: workers, subcontractors, materials, equipment, budgets, schedules, contracts, quality control and safety & health.

Construction managers are involved in the development, design and construction of public and private projects determining cost-effective plans, means & methods and schedules. They monitor work progress to ensure compliance with architectural and engineering drawings and specifications, track construction costs and administer contract changes.

Upon graduation, you will understand the basic principles of construction contracting and be able to work effectively with senior management staff to plan, direct, monitor and control construction project management processes; including documentation and communication of critical issues with representatives of project owners, designers, users, government agencies, subcontractors, suppliers, inspectors, technicians and other specialists.
CONSTRUCTION MANAGEMENT

COURSES INCLUDE

- Principles of Accounting
- Methods of Building Construction
- Codes and Standards (IBC)
- Mechanical and Electrical Technology
- Building Construction Cost Estimating
- Construction Project Management
- Project Planning and Scheduling
- Construction Safety
- Civil Technology
- Structural Technology
- Civil Construction Cost Estimating
- Beginning CAD
- Trigonometry
- Physics

PROGRAM HIGHLIGHTS

The construction management program was developed with input from Alaskan contractors and professional industry organizations to provide students with a broad knowledge of building systems and construction techniques with special emphasis on Alaskan climate, soils and remote logistics considerations. Local design and construction professionals visit our classes to share information on current construction projects and other topics of their expertise.

Many of the required courses are available in the evening to accommodate students who are currently employed.

OTHER DETAILS

Students entering the program are expected to have basic computer skills including word processing and spreadsheet usage. The construction management degree requires four to five semesters to complete.

Students planning to go on to a bachelor’s degree are advised to select courses meeting remaining core requirements and courses designated within bachelor’s degree major and minor. Students who plan to transfer to another institution to continue their studies should work closely with that institution on their degree requirements.

APPLICATION PROCESS

- Review admission requirements with an advisor by calling 907-455-2886 or email uaf-ctc@alaska.edu
- Apply for admission to UAF: www.uaf.edu/admissions/
- Apply for financial aid: www.uaf.edu/finaid/ or call 907-455-2832
- Find classes & register: www.uaf.edu/coursefinder/
- Get your books & class materials organized - UAF Bookstore: www.uaf.bkstr.com
- Start your journey at UAF CTC!

PROGRAM CONTACT

Galen Johnson
Associate Professor, Program Head
604 Barnette Street, Fairbanks AK 99701
907-455-2846
907-455-2935 fax
gjohns55@alaska.edu