

CONSTRUCTION & MANUFACTURING

CONSTRUCTION MANAGEMENT

Delivery: Fully-Online

Start: Fall or Spring Semester, Full- or Part-Time

AWARDS

Construction Management A.S. Degree60 cr.
 Construction Management A.A.S. Degree60 cr.

MAJOR DESCRIPTION

Construction Management prepares students for supervisory and management positions in the construction industry. The curriculum combines basic fundamentals with key courses in applied management, engineering, design and business that are required to manage complex construction projects.

Construction management is an ideal career choice if you have a strong, general interest in building and design plus an aptitude for taking the lead role on big projects from start to finish. As a construction manager, you'll oversee all phases of a project, from planning to budgeting to production.

The Associate of Science (A.S.) in Construction Management is designed to transfer to the University of Minnesota's B.A.S. in Construction Management and Minnesota State University Moorhead's B.S. in Construction Management (Twin Cities).

WORK ENVIRONMENT

Working in this field is likely to include both office and construction site work.

POTENTIAL JOB TITLES

- Project Manager
- Design Manager
- Area Superintendent
- Quantity Surveyor
- Chief Estimator
- Site Manager

SALARY DATA

See latest data at careerwise.minnstate.edu.

- Average Wage: \$46.24/hour
- Top Earners: \$65.72/hour

CONSTRUCTION MANAGEMENT A.S. DEGREE

This is a sample course sequence.

Please contact your program advisor regarding your academic plans.

First Year - First Semester 15 cr

CMSV2860	Construction Plan Reading	2
CMSV 2870	Construction Management	3
ENGI 1150	Composition I	3
MATS 1300	College Algebra or	
MATS 1340	Math for Engineering Technology	4
PHIL 1100	Ethics	3

First Year - Second Semester 15 cr

CMSV2850	Construction Safety	2
CMSV2875	Mechanical & Electrical Systems	3
CMSV2890	Building Organization & Technology	3
ENGL2000	Composition II	3
PSYC1105	General Psychology	4

Second Year - First Semester 14 cr

ACCT1010	Financial Accounting	4
CMSV2885	Construction Estimating	3
PHYS1100	College Physics I	4
SPEE1020	Interpersonal Communications	3

Second Year - Second Semester 16 cr

ARTS1310	History of Architecture	3
BUSN 1000	Foundations of Management	3
CMSV2100	Soils & Concrete Technology	4
CMSV2900	Construction Scheduling	3
ECON 1100	Microeconomics	3

TOTAL PROGRAM REQUIREMENTS 60

CONSTRUCTION MANAGEMENT

A.A.S. DEGREE

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First Year - First Semester 15 cr

CMSV2860	Construction Plan Reading	2
CMSV2870	Construction Management.....	3
PHIL 1100	Ethics	3
	Technical Elective*	3
	General Elective (MnTC Goal 4) <i>MATS1300 or MATS1340 recommended</i>	4

First Year - Second Semester 14 cr

CMSV2850	Construction Safety	2
CMSV2875	Mechanical & Electrical Systems	3
CMSV2890	Building Organization & Technology	3
ENGL 1150	Composition I.....	3
	Technical Elective*	3

Second Year - First Semester 15 cr

ARCT1108	Computer Drafting I.....	3
CMSV2885	Construction Estimating	3
PHYS1100	College Physics I	4
SPEE1020	Interpersonal Communications.....	3
	Technical Elective*	2

Second Year - Second Semester 16 cr

ARCT1208	Computer Drafting II	3
BUSN 1000	Foundations of Management	3
CMSV2100	Soils & Concrete Technology	4
CMSV2900	Construction Scheduling	3
CMSV2970	Construction Management Internship	3

TOTAL PROGRAM REQUIREMENTS 60

* Select Technical electives from the following subject areas:
ARCT, CIVL, CMSV, ELEC, HVAC, IDES



DAKOTA COUNTY
TECHNICAL COLLEGE

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