

Construction Management Certificate

The Construction Management Certificate builds on the Construction Management AS degree and prepares students for supervisory and management positions in the construction industry.

Construction Management Curriculum

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111	n/a	4
BUS 1810	Entrepreneurship	View-BUS 1810	n/a	4
BUS 2200	Principles of Management	View-BUS 2200	n/a	3
BUS 2600	Principles of Marketing	View-BUS 2600	n/a	3
CMSV 1200	Construction Graphics	View-CMSV 1200	n/a	3
CMSV 1300	Legal Aspects of Construction	View-CMSV 1300	n/a	3
CMSV 2870	Construction Management	View-CMSV 2870	n/a	3
CMSV 2885	Construction Estimating	View-CMSV 2885	n/a	4
CMSV 2900	Construction Scheduling	View-CMSV 2900	n/a	3

NHCC Residency and GPA

10 Credits must be earned at NHCC

Total Credits Required	30
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Program Overview

2023-2024

This program will prepare 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. The certificate in Construction Management is designed to build upon the A.S. degree in Construction Management and articulate to the University of Minnesota B.A.S. in Construction Management degree and Minnesota State at Moorhead B.S. in Construction Management Degree.

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, and individual wellbeing.

- Understand and utilize information that describes and prescribes the physical basis, technical specifics and sequential process of building construction
- Formulate a consistent system of actions involving the study of the construction process and the management of that process in an organized and knowledgeable manner

Develop intellectual and practical skills, including:

- Develop a basic understanding of building codes and regulations
- Understanding of construction documents system and organization
- Be able to prepare a construction project cost estimates
- Be able to prepare construction project schedules
- Apply the principles of the Critical Path Method
- Organize and schedule construction activities
- Refine communications skills with subordinates, peers and superiors
- Deduce essential data that is required to prepare cost estimates from construction drawings
- Evaluate and use computer technology in estimating and scheduling

Demonstrate personal and social responsibility, including enhance personal development in:

- Good work attitudes, values, and habits
- Self confidence
- Responsibility
- Better understanding of career options
- Realistic appraisal of strengths
- Prepare, develop, and refine individual CPM and PDM networks in classroom exercises upon an individual and team bases
- Gain firsthand experiences associated with supervisory and/or management roles in an industrial setting
- Refine communications skills with subordinates, peers and superiors
- Implement, develop and/or refine skills in production, management, and personnel matters

Integrative Learning, including:

- Apply construction management techniques to an actual construction management project
- Apply the principles, knowledge and skills learned in the classroom to on the job practices and procedures in the construction industry real life situations

- Develop and refine problem solving techniques
 - Formulate systematic and sequential plans, monitor plans, and evaluate projects to assure that quality control goals are achieved
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Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Construction Management Certificate Program Roadmap Full Time](#)
 - [Construction Management Certificate Program Roadmap Part Time](#)
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Career Opportunities

Information on careers, including salary and employment outlook data, is available at Minnesota State and the Bureau of Labor Statistics websites: careerwise.minnstate.edu and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 7634930555 or through the Minnesota Relay Service at 18006273529.

Accreditation

North Hennepin Community College is accredited by the Higher Learning Commission (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

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