

# Construction Management

## Department of Technology

***Start working towards your B.S. degree in CM while at***

# **Anoka Ramsey Community College**

### **Not Your Typical Transfer Program**

With your associate's degree in hand, maybe you are looking for a B.S. degree that will lead into a career with excellent job placement and a high starting salary. Now you can earn a B.S. degree in Construction Management at either the MSU Moorhead campus or North Hennepin Community College campus.

The facts are in – those with a four-year degree earn significantly more. We have a 100% placement record of our Construction Management graduates, with most students receiving multiple job offers.



*Construction Management*

### **Our Construction Management Program offers unique benefits:**

- We typically have small class sizes ranging from 25-30 students
- Our graduates find 100% job placement
- The CM B.S. degree is recognized as a professional management degree
- Students participate in CM student competitions
- Internships are required for all students
- All students sit for Level 1 Certified Professional Construction exam

### ***What is Construction Management?***

Construction Management is a professional program that trains graduates to manage the business of construction.

Construction Managers coordinate all phases of the building process: estimating, scheduling, purchasing materials, creating contracts, and working with professionals to ensure the job gets done on time and within budget.

***The MSUM CM program is the only one in Minnesota that is accredited by the American Council for Construction Education (ACCE). ACCE is recognized by the Council for Higher Education Accreditation (CHEA) as the accrediting agency of four year baccalaureate degree programs in construction and it is the leading global advocate for quality construction education.***

“I was hired as a field Manager by Centex Homes before graduating from MSUM and it's a great job. It's challenging, and I get to be outdoors and meet so many people. Construction has been a male-dominated industry, but that's changing. I really believe this field as a lot of opportunity for women”

Jackie Habstritt, graduate Field Manager, Centex Homes

# Begin taking classes at ARCC... and complete a BS degree in Construction Management.

The courses listed in the table below are ACCE accreditation requirements. You should complete the following courses either as part of your AA degree or as electives. If these courses are not completed as part of your AA degree, it may take you five semesters to complete your coursework.

Written & Oral Communication	Math & Science	Business	Other
ENGL 1121	MATH 1210 or 1310	BUS 1125	BUS 2215
English Comp II	PHYS 1317	BUS 2244	PHIL 1105
SPCH 1110	NATS 1103	ECON 2206	BUS 1113

## Suggested Course Sequence for Junior and Senior Years:

### **Junior Year:**

#### **Fall Semester**

CM 205 Professional Growth Seminar	1 cr
CM 216 Construction Graphics	3 cr
CM 220 Comm. Bldg. Methods & Mat	3 cr
CM 330 Estimating I – Quality Survey	3 cr
CM 354 Mechanical/Electrical Systems	3 cr
CM 370 Documents & Specifications	<u>3 cr</u>
<b>Total</b>	<b>16 cr</b>

#### **Spring Semester**

CM 325 H/H Construction Materials	3 cr
CM 326 H/H Construction Mat. Lab	1 cr
CM 340 Planning & Scheduling	4 cr
CM 430 Est. II Pricing and Prod.	3 cr
Eng 243 Eng. Mechanics I Statics	3 cr
Eng 200 Surveying	<u>3 cr</u>
<b>Total</b>	<b>17 cr</b>

### **Senior Year:**

#### **Fall Semester**

CM 350 Structural Design & Analysis	3 cr
CM 425 Equipment Prod. & Analysis	3 cr
CM 434 Construction Cost Analysis	3 cr
CM 460 Project Administration	3 cr
Tech 394 Comp. Apps. for Engr./Tech.	3 cr
<b>Total</b>	<b>15 cr</b>

#### **Spring Semester**

CM 427 Sustainability of the Built Env.	3 cr
CM 465 Construction Safety	2 cr
CM 469 Construction Internship	3 cr
CM 496 Capstone Experience	3 cr
Tech 385 Process Leadership	3 cr
Management Elective	<u>3 cr</u>
<b>Total</b>	<b>17 cr</b>

Note: CM 469 is included in the last semester coursework but will be completed in the summer of the Junior/Senior year.

# [www.mnstate.edu/cm](http://www.mnstate.edu/cm) (more info)

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upon request by contacting Disability Services at 218.477.5859 (voice) or 1.800.627.3529 (MRS/TTY).