



American Council for
Construction Education



MINNESOTA STATE UNIVERSITY
MOORHEAD

Construction Management

Professional Management Department

Minnesota's FIRST ACCE Accredited Construction Management Program
American Council of Construction Education (ACCE) Accredited

Liberal Arts & Science Curriculum (LASC)

(Minimum of 14 courses and 42 credits)

Goal

Area	Course	Cr	Gr
1A	COMM 100 - Speech Communication	3	_____
1B	English 101 - Composition I	3	_____
2	Critical Thinking (CMST 111 recommended)	3	_____
3	Physical Science Elective I	4	_____
3	Physical Science Elective II	3	_____
4	Math 142 Pre-Calc	5	_____
5	Econ 202 or 204 – Micro/Macro	3	_____
5	_____	_____	_____
6	English 201 – Composition II	3	_____
6	_____	_____	_____
7	_____	_____	_____
8	_____	_____	_____
9	_____	_____	_____
10	CM 327 – Sustainability in a Built Environment	___	_____

Effective Date of Curriculum: 07/01/2020

CM Program Web Site: <http://www.mnstate.edu/construction-management/>

Phone (218) 477-2104 FAX (218) 477-5958

Construction Management Curriculum (53 credits)

	Cr	Gr
CM 200 Surveying Lecture	1	_____
CM 200L Surveying Lab	1	_____
CM 205 Professional Growth Seminar	1	_____
CM 216 Construction Graphics	3	_____
CM 220 Commercial Building Methods & Materials	3	_____
CM 230 Estimating I – Quantity Survey	3	_____
CM 254 Mech/Electrical Systems	3	_____
CM 327 Sustainability in the Built Environment	3	_____
CM 335 Estimating II – Pricing & Productivity	3	_____
CM 340 Planning & Scheduling	3	_____
CM 350 Structural Analysis	3	_____
CM 365 Construction Safety	3	_____
CM 370 Construction Documents & Specifications	3	_____
CM 425 Equipment Productivity & Analysis	3	_____
CM 434 Construction Cost Analysis	3	_____
CM 460 Project Administration	3	_____
CM 469 Internship	3	_____
CM 470 Construction Law	2	_____
CM 492 Capstone Experience	3	_____
CM Elective	3	_____
CM 445 Contractor Quality Management or		
CM 325 Soil Mechanics		

Business & Management Courses (12 Credits)

Acct 230 Principles of Accounting I	3	_____
Acct 280 Legal Environment of Business	3	_____
Mgmt 260 Principles of Management	3	_____
Econ 202 Microecon. (listed in GA 5 under LASC)	3	_____

Students must receive at least a C- in all required CM coursework, or they must repeat the course

Writing Intensive Course Requirements

Freshmen:

Incoming freshmen must complete five Writing-Intensive (WI) courses at MSUM:

- English 101
- One Writing-Intensive in Liberal Arts & Sciences
- CM 327 – Sustainability in the Built Environment
- Two Writing-Intensive courses at the 200-level or higher, only one of which may hold the rubric of the student's major.
 - Elective or
 - LASC Course

Transfers Students (students who transfer greater than 32 credits to MSUM):

Transfer students must complete two Writing-Intensive (WI) courses at MSUM:

- CM 327 – Sustainability in the Built Environment
- WI Elective

CONSTRUCTION MANAGEMENT COURSE SEQUENCING

FIRST YEAR:

Fall Semester:

Engl 101-Comp. I	3 cr
CM 105-Introduction to CM	1 cr
CMST 100-Speech Communications	3 cr
Goal Area 6 Elective	3 cr
Goal Area 5 Elective	3 cr
FYE 101 First Year Experience	1 cr
Total	14 cr

Spring Semester:

Engl 201 or Engl 202	3 cr
Goal Area 2-Critical Thinking	3 cr
Math 142 Pre-Calculus	5 cr
Goal Area 3 Physical Science Elective	4 cr
Total	15 cr

SECOND YEAR:

Fall Semester:

CM 200 & 200L-Surveying & Surveying Lab	2 cr
CM 205-Prof. Growth Seminar (recommended)	1 cr
CM 220-Comm. Bldg. Methods & Mat.	3 cr
Goal Area 3 - Physical Science Elective	3 cr
Acct 230-Principles of Accounting I	3 cr
Free Electives	4 cr
Total	16 cr

Spring Semester:

CM 216-Construction Graphics	3 cr
Econ 202-Microeconomics	3 cr
Acct 280-Legal Environment of Business	3 cr
Mgmt 260-Principles of Management	3 cr
Goal Area 7 Elective	3 cr
Total	15 cr

THIRD YEAR:

Fall Semester:

CM 230-Estimating I – Quantity Survey	3 cr
CM 327-Sustainability in the Built Environment	3 cr
CM 370-Docs/Specs	3 cr
Goal Area 8 Elective	3 cr
Free Electives	3 cr
Total	15 cr

Spring Semester:

CM 254-Mechanical/Electrical Systems	3 cr
CM 335-Estimating II – Pricing & Prod.	3 cr
CM 340-Planning & Scheduling	3 cr
CM 365-Construction Safety	3 cr
Free Elective	3 cr
Total	15 cr

FOURTH YEAR:

Fall Semester:

CM 425-Equipment Productivity & Analysis	3 cr
CM 434-Construction Cost Analysis	3 cr
CM 445-Contractor Quality Management	3 cr
CM 460-Project Administration	3 cr
CM 469-Internship	3 cr
Total	15 cr

Spring Semester:

Goal Area 9	3 cr
CM 350-Structural Analysis	3 cr
CM 470-Construction Law	2 cr
CM 492-Capstone Experience	3 cr
Free Elective	4 cr
Total	15 cr

Note: Students are required to enroll for three credits of internship (CM 469) in the fall semester of their junior or senior or year. The actual work period for the internship normally occurs during the summer of their junior/senior year.

TOTAL CREDITS=120

- ❑ The Construction Management (CM) program at Minnesota State University Moorhead (MSUM) is accredited by the American Council of Construction Education (ACCE), which establishes standards and criteria for excellence in construction education. The curriculum outlined above meets or exceeds ACCE standards and was the first Construction Management program in Minnesota accredited by ACCE.
- ❑ If you choose to pursue a career in Construction Management at MSUM, you are assured to receive a nationally recognized education that focuses on the student. Small class sizes in upper-division CM coursework create a learning environment that allows students to succeed.
- ❑ Please feel free to visit the MSUM CM website at <http://www.mnstate.edu/construction-management/> to learn more about careers in construction and to obtain further information about the CM major at Minnesota State University Moorhead.