

MSU Moorhead Construction Management Curriculum (Pre-requisite Worksheet)

Construction Materials & Methods

CM 220	Comm Building Methods & Mat	3	_____
CM 325	Heavy/Highway Construction Mat	3	_____
CM 326	H/H Construction Materials Lab	1	_____
CM 425	Equipment Productivity & Analysis	3	_____
CM 427	Sustainability in the Built Env.	3	_____

Pre-requisite

No pre-requisites
Pre-Calc or Applied Calc
Concurrently enrolled in CM 325 _____
CM 325, CM 430
Junior Standing

Construction Estimating, Cost Control & Scheduling

CM 330	Estimating I – Quantity Survey	3	_____
CM 340	Planning & Scheduling	4	_____
CM 430	Estimating II – Pricing & Prod.	3	_____
CM 434	Construction Cost Analysis	3	_____

CM 216 & 220 or concurrently enrolled in both
CM 330
CM 330
Acct 230, CM 340, & CM 430

Construction Computer Applications

CM 216	Construction Graphics	3	_____
Tech394	Computer Appl. for Engr./Tech.	3	_____

No pre-requisites
CSIS 104

Analysis & Design of Construction Systems

Eng 200	Surveying	3	_____
Eng 243	Eng. Mech. I-Statics (or Tech 223)	3	_____
CM 350	Structural Design & Analysis	3	_____
CM 354	Mech./Electrical Systems	3	_____

Min. of College Algebra or equivalent
Phys 160 & Math 142/229
Eng 243
CM 220 or concurrently enrolled

Project Management & Safety

CM 205	Professional Growth Sem.	1	_____
CM 460	Project Administration	3	_____
CM 465	Construction Safety	3	_____
CM 469	Internship	3	_____
CM 496	Capstone Experience	3	_____
	Construction Elective (CM 370 or CM 470)	3	_____

First semester student declares CM major
CM 340, CM 370/470, & CM 430
Junior Standing
Minimum of 45 credits
CM 340, CM 370/470, CM 434, & CM 460
Acct 304 or concurrently enrolled

Business & Management

Tech385	Process Leadership	3	_____
Acct 230	Principles of Accounting I	3	_____
Acct 304	Legal Environment of Bus.	3	_____
Mgmt360	Principles of Management	3	_____
	Management Elective	3	_____

Junior Standing

Completed a minimum of 44 credit hours
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Total 74

Dragon Core courses that are required as part of the CM Degree (these are MSUM course numbers)

3	COMS 100 – Speech Comm.
3	CSIS 104 – Spreadsheet and Database Applications
3	Econ 202 – Micro Economics
4	Physics 160 – College Physics (Pre-Req: Completed equivalent of College Algebra)
4	Physical Science Elective (Choice of Phys 161, Chem 150, GEOS 115)
4/3	Math 142 (Pre-Calculus) or Math 229 (Calculus for Bus.)
3	Engl 101 – Comp. I
3	Engl 201 – Comp. II
3	Phil 312 – Business Ethics or equiv. (Pre-Req: Junior Standing)

30/29 Total