

# Construction Management

## MSU Moorhead Construction Management Curriculum Pre-requisite Worksheet Effective Spring 2014

### Construction Materials & Methods

CM 220	Comm Building Methods & Mat	3	___	<u>Pre-requisite</u> No pre-requisites
CM 325	Heavy/Highway Construction Mat	3	___	College Algebra or higher
CM 326	H/H Construction Materials Lab	1	___	Concurrently enrolled in CM 325
CM 327	Sustainability in the Built Env.	3	___	Junior Standing
CM 425	Equipment Productivity & Analysis	3	___	CM 325, CM 335

### Construction Estimating, Cost Control & Scheduling

CM 230	Estimating I – Quantity Survey	3	___	CM 216 & 220 or concurrently enrolled in both
CM 335	Estimating II – Pricing & Prod.	3	___	CM 230
CM 340	Planning & Scheduling	4	___	CM 230
CM 434	Construction Cost Analysis	3	___	Acct 230, CM 340, & CM 335

### Construction Computer Applications

CM 216	Construction Graphics	3	___	No pre-requisites
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### Analysis & Design of Construction Systems

CM 200&200L	Surveying & Surveying Lab	2	___	Min. of College Algebra or equivalent
CM 223	Construction Statics	3	___	Math 229 or Math 234
CM 254	Mech./Electrical Systems	3	___	CM 220 or concurrently enrolled
CM 350	Structural Design & Analysis	3	___	CM 223 (or Eng 243)

### Project Management & Safety

CM 205	Professional Growth Sem.	1	___	First semester student declares CM major
CM 370	Construction Docs/Specs	3	___	Acct 304 or concurrently enrolled
CM 365	Construction Safety	2	___	Junior Standing
CM 460	Project Administration	3	___	CM 340, CM 370, & CM 335
CM 469	Internship	3	___	Minimum of 45 credits
CM 496	Capstone Experience	3	___	CM 340, CM 370, CM 434, & CM 460

### Business & Management

Pmgt 385	Process Leadership	3	___	Junior Standing
OM 394	Computer Appl. for Engr./Tech.	3	___	
Acct 230	Principles of Accounting I	3	___	
Acct 304	Legal Environment of Bus.	3	___	Completed a minimum of 44 credit hours
Mgmt 360	Principles of Management	3	___	Completed a minimum of 44 credit hours
	Management Elective	3	___	

Total 73

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

3	COMS 100 – Speech Comm.
3	Econ 202 or 204 – Micro or Macro 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)
3	Math 229 (Calculus for Bus.) or Math 234 (Probability & Statistics)
3	Engl 101 – Comp. I
3	Choice of Engl 201, Engl 202, or Engl 387

23 Total