

## Construction Management and Engineering Course Prerequisites

### North Dakota State University

Course No.	Title	Credits	Prerequisites
CM&E 111	Introduction to Construction Management and Engineering	1	None
CM&E 200	Construction Documents and Codes	3	Construction Management or Construction Engineering majors
CM&E 203	Building Construction: Methods and Materials	3	<b>CM&amp;E 200</b> , Construction Management major and at least <b>sophomore</b> standing
CM&E 204	Construction Surveying	3	<b>MATH 105</b> , Construction Management or Construction Engineering majors and at least sophomore standing
CM&E 212	Construction Graphic Communications	3	Construction Management or Construction Engineering majors
CM&E 240	Financial Cost Concepts for Construction Managers	3	<b>ECON 105 (OR 201+ 202)</b> Construction Management or Construction Engineering major with at least <b>sophomore</b> standing
CM&E 250	Construction Statics and Mechanics	3	<b>MATH 146</b> or higher, Construction Management major and at least <b>sophomore</b> standing
CM&E 260	Soils and Foundations	3	Construction Management majors only
CM&E 301	Construction Technology and Equipment	3	<b>CM&amp;E 240</b> , admission to the Construction Management or Construction Engineering program and <b>junior or senior</b> standing
CM&E 305	Pre-Construction Management	3	Admission to the Construction Management or Construction Engineering program and at least <b>junior</b> standing
CM&E 315	Specifications and Contracts	3	Admission to Construction Management or Construction Engineering program and <b>junior</b> standing
CM&E 380	Construction Estimating: Quantities and Costs	3	<b>CM&amp;E 200</b> and admission to the Construction Management or Construction Engineering program
CM&E 403	Scheduling and Project Control	3	Co-req or Prereq: <b>CM&amp;E 380</b> . Prereq: Admission to the Construction Management or Construction Engineering program and at least <b>junior</b> standing
CM&E 405	Construction Support Operations	3	<b>STAT 330</b>
CM&E 421	Electrical and Mechanical Construction	3	<b>PHYS 211 or PHYS 251 or PHYS 252</b> and admission to the Construction Management program and at least <b>senior</b> standing
CM&E 431	Sustainable Design and Construction	3	Admission to Construction Management or Construction Engineering program and <b>Junior</b> standing
CM&E 450	Steel Design and Construction	3	<b>CM&amp;E 250</b> and admission to the Construction Management program and <b>senior</b> standing
CM&E 453	Concrete Design and Construction	3	<b>CM&amp;E 250, CM&amp;E 260</b> and admission to the Construction Management program and senior standing
CM&E 488	Construction Management Capstone	3	<b>CM&amp;E 380, CM&amp;E 403</b> and <b>senior</b> standing in Construction Management
CM&E 489	Construction Design Capstone	3	<b>CM&amp;E 380, CM&amp;E 403</b> and <b>senior</b> standing in Construction Engineering

\*Note: Please see NDSU Bulletin for complete and updated CM&E course prerequisites:

<https://bulletin.ndsu.edu/course-catalog/>