

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	CM&E 200 , Construction Management major and at least sophomore standing
CM&E 204	Construction Surveying	3	MATH 105 , 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	ECON 105 or 201 or 202 , Construction Management or Construction Engineering major with at least sophomore standing
CM&E 250	Construction Statics and Mechanics	3	MATH 146 or higher, Construction Management major and at least sophomore standing
CM&E 260	Soils and Foundations	3	Construction Management majors only
CM&E 301	Construction Technology and Equipment	3	CM&E 240 , admission to the Construction Management or Construction Engineering program and junior or senior standing
CM&E 305	Pre-Construction Management	3	Admission to the Construction Management or Construction Engineering program and at least junior standing
CM&E 315	Specifications and Contracts	3	Admission to Construction Management or Construction Engineering program and junior standing
CM&E 380	Construction Estimating: Quantities and Costs	3	CM&E 200 and admission to the Construction Management or Construction Engineering program
CM&E 403	Scheduling and Project Control	3	Co-req or Prereq: CM&E 380 . Prereq: Admission to the Construction Management or Construction Engineering program and at least junior standing
CM&E 405	Construction Support Operations	3	STAT 330
CM&E 421	Electrical and Mechanical Construction	3	PHYS 211 or PHYS 251 or PHYS 252 and admission to the Construction Management program and at least senior standing
CM&E 431	Sustainable Design and Construction	3	Admission to Construction Management or Construction Engineering program and Junior standing
CM&E 450	Steel Design and Construction	3	CM&E 250 and admission to the Construction Management program and senior standing
CM&E 453	Concrete Design and Construction	3	CM&E 250, CM&E 260 and admission to the Construction Management program and senior standing
CM&E 488	Construction Management Capstone	3	CM&E 380, CM&E 403 and senior standing in Construction Management
CM&E 489	Construction Design Capstone	3	CM&E 380, CM&E 403 and senior standing in Construction Engineering

*Note: Please see NDSU Bulletin for complete and updated CM&E course prerequisites:
<https://bulletin.ndsu.edu/course-catalog/>