

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT ENGINEERING TECHNOLOGY

The Construction Management Engineering Technology program provides a sound background in principles and practices of residential and commercial construction. Courses of instruction include methods and materials of construction, building codes and specifications, architectural and computer-aided drafting, surveying, cost estimates, and computer principles. Students also take courses in statics, strength of materials, and steel structures. Management courses include construction scheduling, organization and supervision of construction, labor and industrial relations, and legal environment of business. Minimum grade requirement of "C" for all courses required for matriculation.

Summary of Graduation Requirements

Subject Area	Credits
General Education Core (https://catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/)	40
Major Requirements	52
Electives	6
Other Requirements	23
Total Credit Hours	121

Curriculum

Course	Title	Credits
First Year		
CMET 140	Introduction to Construction Management	1
CMET 162	Materials of Construction	3
CSC 150	Computer Literacy	3
ENG 101	College English I	3
ENG 102	College English II	3
HED 100	Personal and Community Health	2
MTH 151	College Algebra	3
MTH 153	College Algebra & Trigonometry	3
PED 100	Fundamentals of Fitness for Life	1
TMD 150	Engineering Graphics	3
TMD 151	Introduction to Cad	3
SEM 101 & SEM 102	Spartan Seminar 101 and Spartan Seminar 102	2
Credits		30
Second Year		
SEM 201	Spartan Seminar 201	1
CMET 260	Building Codes and Specifications	3
CMET 262	Methods of Building Construction I	3
CMET 262L	Construction Methods Lab	1
CMET 263	Fundamentals of Surveying	3
CMET 263L	Fundamentals of Surveying Lab	1

CMET 265	Architectural Details	3
CMET 266	Architectural Drafting	3
TMD 225	Mechanics I: Statics	3
IMT 244	Industrial Specification & Technical Documentation	3
MTH 184	Calculus I	4
PHY 152	General Physics	3
PHY 152L	General Physics Laboratory I	1
Credits		32

Third Year

CMET 363	Methods of Building Construction II	3
CMET 364	Steel Structures	3
CMET 370	Cost Estimates and Quality Control I	3
BUS 281	Legal Environment for Business	3
CHM 210	General Chemistry for Engineers	3
ENG 285	Public Speaking	3
IMT 205	Industrial Safety & Management	3
TMD 345	Mechanics II: Strength of Materials	3
TMD 345L	Mechanics II Laboratory: Properties of Materials	1

Select one of the following Social Science Electives: 3

HIS		
PSY 210	Introduction to Psychology	
SOC XXX		
ECN XXX		

Select one of the following Technical Electives: 3

TMD 251	Advanced Cad	
IMT 303	Internship in Technology	
CMET 3XX		
XXX-XXX	Elective	1

Credits 32

Fourth Year

CMET 376	Soil Mechanics	3
CMET 462	Problem Analysis and Planning	3
CMET 464	Organization and Supervision of Construction	3
CMET 466	Construction Management Capstone (Capstone)	3
IMT 420	Labor & Industrial Relations	3

Select one of the following Cultural Social Science Electives: 3

HIS 335 African-American History		
HIS 336 African-American History Since 1865		
HIS 371 Modern African History & Cultures 1600-PRESENT		
SOC 237 Racial & Ethnic Minorities		
POS 315 African American Politics		
PSY 340 Psychology of the African-American		

Select one of the following Humanities Electives: 3

FIA 201 Basic Art Appreciation		
HUM 210 Humanities		
HUM 211 Humanities		
HUM XXX		
MUS 301	Music Appreciation	

Foreign language		
ENG 207	Introduction to World Literature	
Select one of the following Cultural Humanities Electives:		3
ENG 383	African-American Literature, 1940- PRESENT	
FIA 370	African/Afro-American Art	
MUS 234	African-American Music	
XXX XXX	Elective	3
Credits		27
Total Credits		121