

# 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 ( <a href="https://catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/">https://catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/</a> )	40
Major Requirements	52
Electives	6
Other Requirements	23
<b>Total Credit Hours</b>	<b>121</b>

## Curriculum

First Year		Credits
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
<b>Credits</b>		<b>30</b>

## 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
<b>Credits</b>		<b>32</b>

## 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

PSY 210	Introduction to Psychology	
HIS 100	History of World Societies I	
HIS 101	Hist of Civilizat	
SOC 101	Introduction to the Social Sciences	
ECN 200	Basic Principles of Economics	
CMET 376	Soil Mechanics	3
XXX-XXX	Elective	1

**Credits 32**

## Fourth Year

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
Select one of the following Technical Electives:		3
TMD 251	Advanced Cad	
IMT 303	Internship in Technology	
<b>Credits</b>		<b>27</b>
<b>Total Credits</b>		<b>121</b>