

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING TECHNOLOGY

The Computer Engineering Technology program prepares graduates for careers in maintaining, manufacturing, integration, and support of computer systems. Emphasis is placed on job skills required of professionals in the computer industry; including wireless systems, electronic interfacing, networking, digital communications, oral and written communication, and management principles.

Summary of Graduation Requirements

Subject Area	Credits
General Education Core (https://catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/)	27
Major Requirements	50
Electives	5
Other Requirements	38
Total Credit Hours	120

Curriculum

Course	Title	Credits
First Year		
IMT 170	Introduction to Technology	1
EET 111 & 111L	Circuit Analysis I and Circuit Analysis I Laboratory	4
MTH 153	College Algebra & Trigonometry	3
ENG 101	College English I	3
HED 100	Personal and Community Health	2
PED 100	Fundamentals of Fitness for Life	1
SEM 101 & SEM 102	Spartan Seminar 101 and Spartan Seminar 102	2
EET 212 & 212L	Circuit Analysis II and Circuit Analysis II Laboratory	4
CSC 170 & 170L	Computer Programming I and Computer Programming Laboratory I	4
MTH 184	Calculus I	4
ENG 102	College English II	3
Credits		31
Second Year		
EET 213 & 213L	Electronic Devices I and Electronic Devices I Laboratory	4
EET 220 & 220L	Digital Electronics and Digital Electronics Laboratory	4
IMT 244	Industrial Specification & Technical Documentation	3
PHY 152 & 152L	General Physics and General Physics Laboratory I	4
SEM 201	Spartan Seminar 201	1
EET 313 & 313L	Electronic Devices II and Electronic Devices II Laboratory	4

CET 304 & 304L	Digital System Design and Digital Systems Design Laboratory	4
PHY 153 & 153L	General Physics and General Physics Laboratory II	4
ENG 285	Public Speaking	3

Credits 31

Third Year

CET 305 & 305L	Computer Organization and Computer Organization Laboratory	4
IMT 205	Industrial Safety & Management	3
MTH 250	Elementary Statistics Concepts	3
XXX XXX	Select one Social Science Elective:	3
SOC 101	Introduction to the Social Sciences	
HIS 100	History of World Societies I	
HIS 101	History of World Societies II	
HIS 103	United States History Since 1865	
BUS 175	Introduction to Business & Entrepreneurship	
PSY 210	Introduction to Psychology	
ECN 200	Basic Principles of Economics	
XXX XXX	Select one Humanities Elective:	3
HUM 210	Humanities	
HUM 211	Humanities	
FIA 201	Basic Art Appreciation	
ENG 207	Introduction to World Literature	
MUS 301	Music Appreciation	
CET 315 & 315L	Microprocessors and Microprocessor Laboratory	4
CET 336 & 336L	Computer Networks Technology and Computer Networks Technology I Laboratory	4
TMD 151	Introduction to Cad	3
XXX XXX	Elective	3

Credits 30

Fourth Year

CET 432 & 432L	Computer Interfaces & Peripheral Devices and Computer Interfaces Laboratory	4
CET 436 & 436L	Computer Networks Technology II and Computer Networks Technology II Laboratory	4
EET 413 & 413L	Digital Communications Systems and Digital Communications Systems Laboratory	4
EET 497L	Sr Project A: a Capstone Experience	1
IMT 413	Project Management	3
EET 498L	Sr Project B: a Capstone Experience	1
IMT 445	Statistical Quality Control	3
XXX XXX	Select one Humanities Elective:	3
ENG 383	African-American Literature, 1940-PRESENT	
FIA 370	African/Afro-American Art	
MUS 234	African-American Music	
XXX XXX	Select one Cultural Elective:	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	
XXX XXX: Elective		2
Credits		28
Total Credits		120