

# BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING TECHNOLOGY

The Electronics Engineering Technology program is designed to provide graduates with technical-management competencies needed for professional careers in science, technology, education and management. These careers often require a thorough understanding of electronic instrumentation, industrial controls, and communications.

## 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	45
Electives	7
Other Requirements	28
<b>Total Credit Hours</b>	<b>120</b>

## Curriculum

Course	Title	Credits
<b>First Year</b>		
IMT 170	Introduction to Technology	1
EET 111	Circuit Analysis I	3
EET 111L	Circuit Analysis I Laboratory	1
MTH 153	College Algebra & Trigonometry	3
ENG 101	College English I	3
HED 100	Personal and Community Health	2
SEM 101 & SEM 102	Spartan Seminar 101 and Spartan Seminar 102	2
EET 212	Circuit Analysis II	3
EET 212L	Circuit Analysis II Laboratory	1
MTH 184	Calculus I	4
ENG 102	College English II	3
SOC XXX	Social Science Elective	3
<b>Credits</b>		<b>29</b>
<b>Second Year</b>		
EET 213	Electronic Devices I	3
EET 213L	Electronic Devices I Laboratory	1
EET 220	Digital Electronics	3
EET 220L	Digital Electronics Laboratory	1
IMT 244	Industrial Specification & Technical Documentation	3
PHY 152	General Physics	3
PHY 152L	General Physics Laboratory I	1
SEM 201	Spartan Seminar 201	1
EET 313	Electronic Devices II	3
ELT 313L	Electronic Devices II Laboratory,Elect Devices II Lab	1
CET 304	Digital System Design	3

CET 304L	Digital Systems Design Laboratory	1
PHY 153	General Physics	3
PHY 153L	General Physics Laboratory II	1
CSC 170	Computer Programming I	3
CSC 170L	Computer Programming Laboratory I	1

**Credits** 32

## Third Year

CET 305 & 305L	Computer Organization and Computer Organization Laboratory	4
IMT 205	Industrial Safety & Management	3
TMD 151	Introduction to Cad	3
MTH 250	Elementary Statistics Concepts	3
ENG 285	Public Speaking	3
PED 100	Fundamentals of Fitness for Life	1
EET 314	Instrumentation Measurement & Control	3
EET 315	Analog Communication Systems	3
EET 315L	Analog Communication Systems Laboratory	1
CET 315 & 315L	Microprocessors and Microprocessor Laboratory	4
CET 336	Computer Networks Technology	3
CET 336L	Computer Networks Technology I Laboratory	1

**Credits** 32

## Fourth Year

EET 413	Digital Communications Systems	3
EET 413L	Digital Communications Systems Laboratory	1
EET 497L	Sr Project A: a Capstone Experience	1
IMT 413	Project Management	3
XXX XXX	Select one Cultural Perspective Elective:	3
ENG 383	African-American Literature, 1940-PRESENT	
ENG 385	African-American Literature: Fiction	
MUS 234	African-American Music	
HIS 335	African-American History	
HIS 336	African-American History Since 1865	
HIS 371	Modern African History & Cultures 1600-PRESENT	
HIS 370	Early African History and Cultures, From the Beginning of Humankind to 1600	
SOC 237	Racial & Ethnic Minorities	
POS 315	African American Politics	
PSY 340	Psychology of the African-American	
XXX XXX	Select one Humanities Elective:	3
HUM 210	Humanities	
HUM 211	Humanities	
FIA 201	Basic Art Appreciation	
FIA 270	History of Art Survey I	
ENG 207	Introduction to World Literature	
MUS 301	Music Appreciation	
EET 498L	Sr Project B: a Capstone Experience	1
IMT 445	Statistical Quality Control	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	Electives	6
	<b>Credits</b>	<b>27</b>
	<b>Total Credits</b>	<b>120</b>