

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designed as critical (!) must be completed in the semester listed to ensure a timely graduation.

Critical	Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Type	Term Taken
<b>Semester One [17 Credits]</b>							
!	<b>EERT 12000 Electric Circuits I</b>	4			■		
!	<b>MERT 12000 Engineering Drawing</b>	3			■		
	CS 10061 Introduction to Computer Programming or DSCI 15310 Computational Thinking and Programming or EERT 22003 Technical Computing	3					
	MATH 11010 Algebra for Calculus	3				KMC	
	US 10097 Destination Kent State: First Year Experience <sup>1</sup>	1					
	Kent Core Requirement	3					
<b>Semester Two [19 Credits]</b>							
!	<b>EERT 12001 Electric Circuits II</b>	3			■		
!	<b>EERT 12010 Introduction to Electronics</b>	4			■		
	ENG 20002 Introduction to Technical Writing (3) or ITAP 26638 Business Communications (3)	3					
	MATH 11012 Intuitive Calculus	3				KMC	
	MATH 11022 Trigonometry	3				KMC	
	Kent Core Requirement	3					
<b>Semester Three [16-18 Credits]</b>							
!	EERT 12005 Electrical/Electronic Drawing (2) or IERT 12005 Applications in Computer-Aided Design (2) or TECH 33095 Special Topics: Applied Science and Technology <sup>2</sup> (2)	2			■		
!	<b>Electrical/Electronic Engineering Technology<sup>3</sup></b>	3			■		
!	<b>EERT 22011 Electronic Systems</b>	2			■		
!	<b>EERT 22014 Microprocessors and Robotics</b>	3			■		
	COMM 15000 Introduction to Human Communication	3				KAD	
	PHY 12201 Technical Physics I (3) or PHY 13001 General College Physics I (4) and PHY 13021 General College Physics Laboratory I (1)	3 - 5					
<b>Semester Four [18-19 Credits]</b>							
!	<b>EERT 22004 Digital Systems</b>	4			■		
!	<b>EERT 22006 Electrical Machines (3)</b> or <b>EERT 22013 Industrial Electronics (3)</b> or <b>TECH 43220 Electrical Machinery (3)</b>	3			■		
!	<b>MERT 22009 Engineering Technology Project</b>	2			■		
	PHY 12202 Technical Physics II (4) or PHY 13012 College Physics II (2) and PHY 13022 General College Physics Laboratory II (1)	3 - 4					
	Kent Core Requirement	3					
	General Studies Elective <sup>4</sup>	3					

### Graduation Requirements Summary

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
71	2.000	2.000

1. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
2. See program advisor for appropriate titles.
3. Electrical/Electronic Engineering Technology

#### Choose from the following:

EERT 22002 Industrial Controls (3)	EERT 22005 Electronic Instrumentation (3)
EERT 22018 PC/Network Engineering and Troubleshooting (3)	EERT 32005 Instrumentation (3)
TECH 33016 PC/Network Engineering and Troubleshooting (3)	

4. Select course from Kent Core Humanities and Fine Arts; students of the Tuscarawas Campus must take EERT 21010 or TECH 31010 Engineering and Professional Ethics due to ABET accreditation.

### University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	<b>Kent Core I. Composition</b> Enrollment based on placement test	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KMC	<b>Kent Core II. Mathematics and Critical Reasoning</b> Enrollment based on placement test	MATH 11010	fulfilled
KFH	<b>Kent Core III. Humanities or Fine Arts</b>	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KSS	<b>Kent Core IV. Social Sciences</b>	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KBS	<b>Kent Core V. Basic Sciences</b>	Fulfilled in this major with PHY sequence	fulfilled