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	Min. Grade	Major GPA	Attribute	Notes
Semester One [17 Credits]						
!	**EERT 12000 Electric Circuits I**	**4**		■		
!	**MERT 12000 Engineering Drawing**	**3**		■		
	MATH 11010 Algebra for Calculus	3			KMC	
	UC 10097 Destination Kent State: First Year Experience [1]	1				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
Semester Two [16 Credits]						
!	**EERT 12001 Electric Circuits II**	**3**		■		
!	**EERT 12010 Introduction to Electronics**	**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	
Semester Three [14-16 Credits]						
!	**EERT 22011 Electronic Systems**	**2**		■		
!	**EERT 22014 Microprocessors and Robotics**	**3**		■		
!	**Electrical/Electronic Engineering Technology [2]**	**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			KBS	
Semester Four [18-19 Credits]						
!	**EERT 22015 Robotics and Advanced Microsystems**	**3**		■		
!	**EERT 22004 Digital Systems**	**4**		■		
!	**MERT 22009 Engineering Technology Project**	**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			KBS	
	Kent Core Requirement	3				
	General Elective [3]	3				

Graduation Requirements Summary

Minimum Total Hours	Minimum	
	Major GPA	**Overall GPA**
66	2.000	2.000

1. UC 10097 is not required of transfer students with 25 credits (excluding College Credit Plus) or students age 21+ at time of admission.

2. Electrical/Electronic Engineering Technology (3 credit hours)

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)	

3. 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. Number of general elective credit hours required depends on meeting minimum 66 credit hours.

University Requirements: Applied and technical associate degree-seeking students must fulfill selected Kent Core (general education requirements). For more information about this requirement, please read the following section in the University Catalog: Kent Core – www.kent.edu/catalog/kent-core.

Attribute Legend: **DD** Diversity–Domestic; **DG** Diversity–Global; **ELR** Experiential Learning; **KAD** Kent Core Additional; **KBS** Kent Core Basic Sciences; **KCM** Kent Core Composition; **KFA** Kent Core Fine Arts: **KHU** Kent Core Humanities; **KMC** Kent Core Mathematics and Critical Reasoning; **KSS** Kent Core Social Sciences; **WIC** Writing Intensive