

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		■		
	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 ¹	1				
	Kent Core Requirement	3				
Semester Two [19 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	
	Kent Core Requirement	3				
Semester Three [16-18 Credits]						
!	EERT 12005 Electrical/Electronic Drawing (2) or IERT 12005 Applications in Computer-Aided Design (2) or TECH 33095 Special Topics: Applied Science and Technology ² (2)	2		■		
!	Electrical/Electronic Engineering Technology Elective³	3		■		
!	EERT 22011 Electronic Systems	2		■		
!	EERT 22014 Microprocessors and Robotics	3		■		
	COMM 15000 Introduction to Human Communication	3			KAD	
	PHY 12201 Technical Physics I (3) or PHY 13001 General College Physics I (4) <i>and</i> PHY 13021 General College Physics Laboratory I (1)	3 - 5			KBS	
Semester Four [18-19 Credits]						
!	EERT 22004 Digital Systems	4		■		
!	EERT 22006 Electrical Machines (3) or EERT 22013 Industrial Electronics (3) or TECH 43220 Electrical Machinery (3)	3		■		
!	MERT 22009 Engineering Technology Project	2		■		
	PHY 12202 Technical Physics II (4) or PHY 13012 College Physics II (2) <i>and</i> PHY 13022 General College Physics Laboratory II (1)	3 - 4			KBS	
	Kent Core Requirement	3				
	General Studies Elective ⁴	3				

Graduation Requirements Summary

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
71	2.000	2.000

- US 10097 is not required of transfer students with 25 credits (excluding College Credit Plus and dual-enrollment) or students age 21+ at time of admission.
- See program advisor for appropriate titles.
- Electrical/Electronic Engineering Technology Elective (3 credits)

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)	

- 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.



Roadmap: Electrical/Electronic Engineering Technology - Electrical Engineering Technology (General) - Associate of Applied Science

RE-AAS-EEET-EETG

Regional College

Catalog Year: 2015-2016

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