

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		■		
	EERT 22003 Technical Computing	3				
	MATH 11010 Algebra for Calculus	3			KMC	
	MERT 12000 Engineering Drawing	3		■		
	US 10097 Destination Kent State: First Year Experience ¹	1				
	Kent Core Requirement	3				
Semester Two [17 Credits]						
!	CADT 22009 Applied Engineering Software	3		■		
!	EERT 12001 Electric Circuits II	3		■		
!	EERT 22000 Electricity/Electronics With Applications	3		■		
!	IERT 12005 Applications in Computer-Aided Design	2		■		
	MATH 11012 Intuitive Calculus	3			KMC	
	MATH 11022 Trigonometry	3			KMC	
Semester Three [17 Credits]						
!	EERT 22018 PC/Network Engineering and Troubleshooting	3		■		
!	EIRT 22033 Fiber Optics Technology	2		■		
!	TECH 33223 Electronic Communication	3		■		
	COMM 15000 Introduction to Human Communication	3			KAD	
	PHY 12201 Technical Physics I	3			KBS	
	General Electives	3				
Semester Four [20 Credits]						
Requirement: students must request a course overload in this semester						
!	COMT 21095 Special Topics in Computer Technology²	3		■		
!	EERT 22004 Digital Systems	4		■		
!	EIRT 22032 PC Network Engineering II	3		■		
	EERT 21010 Engineering and Professional Ethics	3				
	ENG 20002 Introduction to Technical Writing or ITAP 26638 Business Communications	3				
	PHY 12202 Technical Physics II	4			KBS	

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 (excluding College Credit Plus and dual-enrollment) or students age 21+ at time of admission.
2. See program advisor for appropriate titles.

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