

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
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			■		
!	EERT 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 22030 Survey of Information Technology	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	
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	3					
	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

- US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
- See program advisor for appropriate titles.

University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	Kent Core I. Composition Enrollment based on placement test	visit www.kent.edu/catalog/kent-core	3
KMC	Kent Core II. Mathematics and Critical Reasoning Enrollment based on placement test	MATH 11010	fulfilled
KHU/KFA	Kent Core III. Humanities and Fine Arts	visit www.kent.edu/catalog/kent-core	3
KSS	Kent Core IV. Social Sciences	visit www.kent.edu/catalog/kent-core	3
KBS	Kent Core V. Basic Sciences	PHY 12201, PHY 12202	fulfilled