KENT STATE
U N I V E R S I T Y

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

Course Subject and Title	Credit Hours	Min. Grade	Important Notes
Semester One: [17 Credit Hours]			
EERT 12000 Electric Circuits I	**4**		
EERT 22003 Technical Computing	3		
ENG 11011 College Writing I	3		Enrollment based on placement tests
MATH 11010 Algebra for Calculus	3		
MERT 12000 Engineering Drawing	3		
US 10097 Destination Kent State: FYE	1		Not required of transfer students with 25 credits
Semester Two: [16 Credit Hours]			
EERT 12001 Electric Circuits II	**3**		
EERT 22000 Electricity/Electronics with Applications	**3**		
EERT 22017 Applied Engineering Software	**3**		
IERT 12005 Applications in CAD	**2**		
MATH 11012 Intuitive Calculus	3		
MATH 11022 Trigonometry	2		
Semester Three: [17 Credit Hours]			
EERT 22018 Network Engineering	**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		
PHY 12201 Technical Physics I	3		
Semester Four: [20 Credit Hours]			
Requirement: students must request a course overload in this semester			
COMT 21095 ST: Object-Oriented Language	**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		

Graduation Requirements Summary

Total Hours	Minimum	
	Major GPA	Overall GPA
70	2.0	2.0