



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: [15 Credit Hours]			
MERT 12000 Engineering Drawing	3		
MERT 12004 Manufacturing Processes	3		
BMRT 11000 Introduction to Business	3		
MATH 11010 Algebra for Calculus	3		
MATH 11022 Trigonometry	2		
US 10097 DKS: First Year Experience	1		
Semester Two: [16 Credit Hours]			
MERT 12001 Computer Aided Drafting	3		
MERT 12005 Properties of Materials	3		
ENG 11011 College Writing I	3		
MATH 19002 Technical Mathematics II	4		
PHY 12201 Technical Physics I	3		
Semester Three: [17 Credit Hours]			
EERT 12000 Electric Circuits I	4		
EERT 22003 Technical Computing	3		
MERT 22009 Robotics and Flexible Automation	3		
ENG 20002 Introduction to Technical Writing <i>or</i> ITAP 26638 Business Communications	3		
PHY 12202 Technical Physics II	4		
Semester Four: [19 Credit Hours]			
EERT 12001 Electric Circuits II	3		
EERT 12010 Introduction to Electronics	4		
TECH 33031 Programmable Logic Controllers	3		
COMM 15000 Introduction to Human Communication	3		
MERT 22012 Fluid Power	3		
Kent Core Humanities or Social Sciences	3		Visit www.kent.edu/catalog/kentcore for options

Graduation Requirements Summary

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
67	2.0	2.0

