



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: [16 Credit Hours]			
IERT 22010 Computer Integrated Manufacturing	3		
MERT 12000 Engineering Drawing	3		
EERT 22003 Technical Computing	3		
ENG 11011 College Writing I	3		
MATH 11010 Algebra for Calculus	3		
US 10097 Destination Kent State: FYE	1		Not required of transfer students with 25 credits
Semester Two: [18 Credit Hours]			
MERT 12001 Computer-Aided Drafting	3		
MERT 12005 Properties of Materials	3		
PLCT 12000 Introduction to Plastics	4		
COMM 15000 Introduction to Human Communication	3		
MATH 11012 Intuitive Calculus	3		
MATH 11022 Trigonometry	2		
Semester Three: [17 Credit Hours]			
EERT 22014 Microprocessors and Robotics	4		
IERT 22000 Statistical Process Control	4		
PLCT 12003 Reinforced Plastics	3		
ENG 20002 Introduction to Technical Writing <i>or</i> ITAP 26638 Business Communication	3		
PHY 12201 Technical Physics I	3		
Semester Four: [16 Credit Hours]			
MERT 22009 Robotics and Flexible Automation	3		
PLCT 12004 Properties of Plastics Materials	3		
PLCT 22000 Assembly and Finishing of Plastics	3		
PHY 12202 Technical Physics II	4		
Kent Core Social Sciences or Humanities	3		Visit www.kent.edu/catalog and search "Kent Core" for course lists; Tuscarawas students must take EERT 21010 Engineering and Professional Ethics

Graduation Requirements Summary

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
67	2.0	2.0

