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: [16 Credit Hours]			
IERT 22010 Computer Integrated Manufacturing	**3**		
EERT 22003 Technical Computing	**3**		
MERT 12000 Engineering Drawing	**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: [17 Credit Hours]			
MERT 12001 Computer Aided Drafting	**3**		
MERT 12005 Properties of Materials	**3**		
MERT 22005 Statics	**3**		
COMM 15000 Introduction to Human Communication	3		
MATH 11012 Intuitive Calculus	3		
MATH 11022 Trigonometry	2		
Semester Three: [19 Credit Hours]			
EERT 22014 Microprocessors and Robotics	**4**		
MERT 12004 Manufacturing Processes	**3**		
MERT 22007 Strength of Materials	**3**		
MERT 22012 Fluid Power	**3**		
ENG 20002 Introduction to Technical Writing *or* ITAP 26638 Business Communication	3		
PHY 12201 Technical Physics I	3		
Semester Four: [18 Credit Hours]			
MERT 22003 Computer-Aided Tool Design	**3**		
MERT 22004 Mechanics and Machine Design	**5**		
MERT 22009 Robotics and Flexible Automation	**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
70	2.0	2.0