

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 [19 Credits]							
!	IERT 22010 Computer Integrated Manufacturing	3			■		
!	MERT 12000 Engineering Drawing	3			■		
	CS 10061 Introduction to Computer Programming or DSCI 15310 Computational Thinking and Programming or EERT 22003 Technical Computing	3					
	MATH 11010 Algebra for Calculus	3				KMC	
	US 10097 Destination Kent State: First Year Experience ¹	1					
	Kent Core Requirement	3					
	Kent Core Requirement	3					
Semester Two [17 Credits]							
!	IERT 12005 Applications in Computer-Aided Design	2			■		
!	MERT 12001 Computer-Aided Drafting	3			■		
!	MERT 12005 Properties of Materials	3			■		
!	Engineering technology electives (consult with advisor)	3			■		
	MATH 11012 Intuitive Calculus	3			■	KMC	
	MATH 11022 Trigonometry	3				KMC	
Semester Three [17 Credits]							
!	EERT 22014 Microprocessors and Robotics	3			■		
!	MERT 12004 Manufacturing Processes	3			■		
!	Engineering technology electives (consult with advisor)	3			■		
	ENG 20002 Introduction to Technical Writing or ITAP 26638 Business Communications	3					
	PHY 13001 General College Physics I	4				KBS	
	PHY 13021 General College Physics Laboratory I	1				KBS	
Semester Four [16 Credits]							
!	MERT 22009 Engineering Technology Project	2			■		
!	Engineering technology electives (consult with advisor)	2 - 6			■		
	COMM 15000 Introduction to Human Communication	3				KAD	
	EERT 21010 Engineering and Professional Ethics (3) or IERT 22006 Economic Decision Analysis (3) or TECH 31010 Engineering and Professional Ethics (3)	3			■		
	PHY 13002 General College Physics II or PHY 13012 College Physics II and PHY 13022 General College Physics Laboratory II	3-4				KBS	
	Kent Core Requirement	3					

Graduation Requirements Summary

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
69	2.000	2.000

1. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.

Available only at the Tuscarawas Campus.

University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	Kent Core I. Composition Enrollment based on placement test	visit http://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 V. Humanities and Fine Arts	visit http://www.kent.edu/catalog/kent-core	3
KSS	Kent Core VI. Social Sciences	visit http://www.kent.edu/catalog/kent-core	3
KBS	Kent Core VII. Basic Sciences	PHY 13001, PHY 13002	fulfilled