

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
<b>Semester One [16 Credits]</b>							
!	MATH 11010 Algebra for Calculus	3				KMC	
!	TECH 10001 Information Technology	3			■		
	TECH 13580 Engineering Graphics I	3			■		
	US 10097 Destination Kent State: First Year Experience <sup>1</sup>	1					
	Kent Core Requirement	3					
	Kent Core Requirement	3					
<b>Semester Two [16 Credits]</b>							
!	MATH 11022 Trigonometry	3				KMC	
!	TECH 21021 Survey of Electricity and Electronics	4			■		
	COMM 15000 Introduction to Human Communication	3				KAD	
	Kent Core Requirement	3					
	Kent Core Requirement	3					
<b>Semester Three [14 Credits]</b>							
!	MATH 11012 Intuitive Calculus	3				KMC	
!	PHY 13001 General College Physics I	4				KBS	
!	PHY 13021 General College Physics Laboratory I	1				KBS	
!	TECH 23010 Computer Hardware I	3			■		
!	TECH 26301 Networking Hardware I	3			■		
<b>Semester Four [17 Credits]</b>							
!	TECH 33020 Computer Hardware II	3	■		■		
!	TECH 36302 Networking Hardware II	3	■		■		
	ENG 20002 Introduction to Technical Writing	3			■		
	PHY 13002 General College Physics II	4				KBS	
	PHY 13022 General College Physics Laboratory II	1				KBS	
	Kent Core Requirement	3					
<b>Semester Five [15 Credits]</b>							
	COMT 36320 Computer Forensics	3	■		■		
	MIS 24163 Principles of Management <sup>2</sup>	3					
	TECH 26310 Web Design and Development	3			■		
	TECH 33030 Computer Peripherals and Special Use Hardware	3	■		■		
	Kent Core Requirement	3					
<b>Semester Six [15 Credits]</b>							
	COMT 36330 Local Area Network Security Fundamentals	3	■		■		
	TECH 31000 Cultural Dynamics of Technology <sup>3</sup>	3	■	C	■	DD/WIC	
	TECH 33223 Electronic Communication	3	■		■		
	TECH 36620 Project Management in Engineering and Technology	3	■		■		
	Kent Core Requirement	3					
<b>Semester Seven [15 Credits]</b>							
!	TECH 33222 Digital Design for Computer Engineering	3	■		■		
	MIS 24056 Fundamentals of Business Statistics	3			■		
	TECH 43016 Advanced PC-Network Engineering and Troubleshooting	3	■		■		
	TECH 43060 Management of Technology Innovation	3	■		■		
	TECH 46330 Visual Basic Programming in Engineering Technology	3	■		■		
<b>Semester Eight [12 Credits]</b>							
	TECH 43222 Computer Hardware Engineering and Architecture	3	■		■		
	TECH 46312 Wireless Network and Telecommunication Systems	3	■		■		
	TECH 46350 Network Management and Design Technology	3	■		■		
	General Electives	3					

### Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	39	36	2.250	2.000

1. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
2. Equivalent to BMRT 11009 Introduction to Management Technology
3. A minimum C grade must in order to fulfill the writing-intensive requirement

### University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	<b>Kent Core I. Composition</b> Enrollment based on placement test	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	6
KMC	<b>Kent Core II. Mathematics and Critical Reasoning</b> Enrollment based on placement test	MATH 11010	fulfilled
KHU	<b>Kent Core III. Humanities</b> Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KFA	<b>Kent Core IV. Fine Arts</b> Minimum one course from the fine arts; may fulfill diversity requirement	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KFH	<b>Kent Core V. Humanities or Fine Arts</b> One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KSS	<b>Kent Core VI. Social Sciences</b> Must be selected from two curricular areas; may fulfill diversity requirement	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	6
KBS	<b>Kent Core VII. Basic Sciences</b> Must include one laboratory	PHY 13001, PHY 13002, PHY 13021, PHY 13022	fulfilled
KAD	<b>Kent Core VIII. Additional</b> May fulfill diversity requirement	COMM 15000, MATH 11012, MATH 11022	fulfilled
DD	<b>Domestic Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	TECH 31000	fulfilled
DG	<b>Global Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	visit <a href="http://www.kent.edu/catalog/diversity">www.kent.edu/catalog/diversity</a>	one course
ELR	<b>Experiential Learning Requirement</b> Either course or non-course experience approved by the appropriate faculty member	<a href="http://www.kent.edu/catalog/elr">www.kent.edu/catalog/elr</a>	one course or activity
WIC	<b>Writing-Intensive Course Requirement</b> Minimum C (2.000) grade	TECH 31000, TECH 33092	fulfilled