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	Min. Grade	Major GPA	Attribute	Notes
Semester One [16 Credits]						
!	**MATH 11010 Algebra for Calculus**	**3**			**KMC**	
	TECH 13580 Engineering Graphics I	3		■		
	UC 10097 Destination Kent State: First Year Experience [1]	1				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Kent Core Requirement	3				
Semester Two [15 Credits]						
!	**MATH 11022 Trigonometry**	**3**			**KMC**	
	COMM 15000 Introduction to Human Communication	3			KAD	
	TECH 26010 Introduction to Computer Engineering Technology	3		■		
	Kent Core Requirement	3				
	Kent Core Requirement	3				
Semester Three [14 Credits]						
!	**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**		■		
Semester Four [17 Credits]						
!	**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				
Semester Five [16 Credits]						
	COMT 36320 Computer Forensics	3		■		
	MIS 24163 Principles of Management [2]	3				
	TECH 21021 Survey of Electricity and Electronics	4		■		
	TECH 26310 Web Design and Development	3		■		
	TECH 33030 Computer Peripherals and Special Use Hardware	3		■		
Semester Six [15 Credits]						
	COMT 36330 Local Area Network Security Fundamentals	3		■		
	TECH 31000 Cultural Dynamics of Technology	3	C [3]	■	DD/WIC	
	TECH 33223 Electronic Communication	3		■		
	TECH 36620 Project Management in Engineering and Technology	3		■		
	Kent Core Requirement	3				
Semester Seven [15 Credits]						
	MIS 24056 Fundamentals of Business Statistics	3		■		
	TECH 33222 Digital Design for Computer Engineering	3		■		
	TECH 43060 Management of Technology Innovation	3		■		
	TECH 46330 Visual Basic Programming in Engineering Technology	3		■		
	TECH 46350 Network Management and Design Technology	3		■		
Semester Eight [12 Credits]						
	TECH 43222 Computer Hardware Engineering and Architecture	3		■		
	TECH 46000 Computer Engineering Technology Capstone	3		■		
	TECH 46312 Wireless Network and Telecommunication Systems	3		■		
	General Electives [4]	3				

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours 30000 – 40000 level course	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	39	36	2.250	2.000

1. UC 10097 is not required of transfer students with 25 credits (excluding College Credit Plus) or students age 21+ at time of admission.
2. Equivalent to BMRT 11009 Introduction to Management Technology
3. A minimum C grade must be earned to fulfill the writing-intensive requirement
4. Number of credits required depends on meeting minimum 120 credit hours and minimum 39 upper-division credit hours.

University Requirements: Bachelor's degree-seeking students must meet Kent Core (general education requirements), diversity, writing-intensive and experiential learning requirements. For more information about these requirements, please read the following sections in the University Catalog: Kent Core – www.kent.edu/catalog/kent-core; Diversity Course Requirement – www.kent.edu/catalog/diversity; Writing-Intensive Course Requirement – www.kent.edu/catalog/wic; Experiential Learning Requirement – www.kent.edu/catalog/elr.

Attribute Legend: **DD** Diversity–Domestic; **DG** Diversity–Global; **ELR** Experiential Learning; **KAD** Kent Core Additional; **KBS** Kent Core Basic Sciences; **KCM** Kent Core Composition; **KFA** Kent Core Fine Arts: **KHU** Kent Core Humanities; **KMC** Kent Core Mathematics and Critical Reasoning; **KSS** Kent Core Social Sciences; **WIC** Writing Intensive