

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 [17 Credits]							
Note: Students who have earned an associate degree will have 34 credits of technical coursework articulate to the bachelor's degree program and will not have to take the electives for a minor or individualized specialization.							
	CS 10061 Introduction to Computer Programming <i>or</i> DSCI 15310 Computational Thinking and Programming <i>or</i> 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					
	Applied Courses from Associate Degree, Minor or Individualized Specialization ²	7					
Semester Two [15 Credits]							
	ENG 20002 Introduction to Technical Writing <i>or</i> ITAP 26638 Business Communications	3			■		
	Kent Core Requirement	3					
	Applied Courses from Associate Degree, Minor or Individualized Specialization ²	9					
Semester Three [15 Credits]							
	EERT 21010 Engineering and Professional Ethics <i>or</i> TECH 31010 Engineering and Professional Ethics	3			■		
	Kent Core Requirement	3					
	Applied Courses from Associate Degree, Minor or Individualized Specialization ²	9					
Semester Four [15 Credits]							
	MATH 11012 Intuitive Calculus	3				KMC	
	Kent Core Requirement	3					
	Applied Courses from Associate Degree, Minor or Individualized Specialization ²	9					
Semester Five [15 Credits]							
!	CDAG 34000 Computer Animation II	3	■		■		
!	CDAG 34003 Animation Theory	3	■		■		
	EERT 22018 PC/Network Engineering and Troubleshooting <i>or</i> TECH 33016 PC/Network Engineering and Troubleshooting	3			■		
	MATH 11022 Trigonometry	3				KMC	
	Kent Core Requirement	3					
Semester Six [13 Credits]							
!	CDAG 34001 Computer Animation III	3	■		■		
!	CDAG 34004 Technology of Light, Color, Design and Layout	2	■		■		
!	CDAG 43003 Virtual Reality and Game Design	2	■		■		
!	ITEC 47411 Designing Visuals for Instruction <i>or</i> TECH 33095 Special Topics: Applied Science and Technology <i>or</i> TECH 34002 Advanced CAD II	3	■		■		
	Kent Core Requirement	3					
Semester Seven [14 Credits]							
!	CDAG 43000 Advanced Animation and Game Design	2	■		■		
!	CDAG 43001 Technology of Media and Film Production	2	■		■		
!	CDAG 43004 Unix Scripting With Applications <i>or</i> ITEC 47413 Digital Video in Education <i>or</i> TECH 33095 Special Topics: Applied Science and Technology	2-3	■		■		
!	TECH 31000 Cultural Dynamics of Technology ³ <i>or</i> TECH 33092 Cooperative Education - Professional Development ³	3	■	C	■	DD/WIC	
	ECON 22060 Principles of Microeconomics	3				KSS	
	Kent Core Requirement	3					
Semester Eight [16 Credits]							
!	CDAG 43002 Graphics Design Technology	3	■		■		
!	TAS 47900 Technical and Applied Studies Capstone	3	■	C	■	ELR	
!	TECH 36620 Project Management in Engineering and Technology	3	■		■		
	ITAP 26636 Project Management for Administrative Professionals	1					
	Kent Core Requirement	3					
	General Elective ⁴	3	■				

Graduation Requirements Summary

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

1. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
2. Applied Courses from Associate Degree, Minor or Individualized Specialization

Choose from the following:

Any ART, ARTC, ARTF or ARTH (no more than 12 credit hours combined)	MERT 12000 Engineering Drawing (3)
Any CADT course	MERT 12001 Computer-Aided Drafting (3)
Any VCD courses (no more than 15 credit hours)	TECH 22100 Training Topics in Technology (1 - 4)
COMT 11002 Visual Basic Programming (3)	TECH 22095 Special Topics in Technology (1 - 4)
COMT 21010 Workgroup Productivity Software (3)	TECH 23581 Computer-Aided Engineering Graphics (3)
COMT 21092 Computer Practicum (1 - 3)	TECH 33010 Computer Hardware (3)
EERT 22014 Microprocessors and Robotics (3)	TECH 33095 Special Topics: Applied Science and Technology (1-3)
EERT 22016 Productivity Software for Industry (1)	TECH 46330 Visual Basic Programming in Engineering Technology (3)
IERT 12005 Applications in Computer-Aided Design (2)	Others by program director approval
IERT 22006 Economic Decision Analysis (3)	

3. To fulfill the writing-intensive requirement, either TECH 31000 or TECH 33092 must be earned with minimum C (2.000) grade.
4. Credits required depend on meeting minimum 120 credit hours and minimum 39 upper-division credit hours.

University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	Kent Core I. Composition Enrollment based on placement test	visit www.kent.edu/catalog/kent-core	6
KMC	Kent Core II. Mathematics and Critical Reasoning Enrollment based on placement test	MATH 11010	fulfilled
KHU	Kent Core III. Humanities Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFA	Kent Core IV. Fine Arts Minimum one course from the fine arts; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFH	Kent Core V. Humanities or Fine Arts One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit www.kent.edu/catalog/kent-core	3
KSS	Kent Core VI. Social Sciences Must be selected from two curricular areas; may fulfill diversity requirement	ECON 22060	3
KBS	Kent Core VII. Basic Sciences Must include one laboratory	visit www.kent.edu/catalog/kent-core	6
KAD	Kent Core VIII. Additional May fulfill diversity requirement	MATH 11012, MATH 11022	fulfilled
DD	Domestic Diversity Course Requirement Either domestic or global diversity must be from Kent Core	TECH 31000	fulfilled
DG	Global Diversity Course Requirement Either domestic or global diversity must be from Kent Core	visit www.kent.edu/catalog/diversity	one course
ELR	Experiential Learning Requirement Either course or non-course experience approved by the appropriate faculty member	TECH 33092, TAS 47900	fulfilled
WIC	Writing-Intensive Course Requirement Minimum C (2.000) grade	TECH 31000, TECH 33092	fulfilled