

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
<b>Semester One [16 Credits]</b>						
	COMT 11000 Introduction to Computer Systems (3) or COMT 12000 Personal Productivity Software (3) or MIS 24053 Introduction to Computer Applications (3)	3		■		
	US 10097 Destination Kent State: First Year Experience <sup>1</sup>	1				
	ACTT, BMRT, COMT, INS or ITAP electives	3		■		
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Applied Courses <sup>2</sup>	3				
<b>Semester Two [16 Credits]</b>						
	ACTT, BMRT, COMT, INS or ITAP electives	4		■		
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Applied Courses <sup>2</sup>	6				
<b>Semester Three [15 Credits]</b>						
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Applied Courses <sup>2</sup>	9				
<b>Semester Four [15 Credits]</b>						
	Kent Core Requirement	3				
	Kent Core Requirement	3				
	Applied Courses <sup>2</sup>	9				
<b>Semester Five [16 Credits]</b>						
!	COMT 36318 Survey of Information Security Internet Fraud and Computer Forensics <sup>3</sup>	3	C	■	WIC	
!	COMT 36301 Advanced C++ Programming or COMT 36311 Advanced Java Programming	4	C	■		
!	TAS 37900 Technical and Applied Studies Cornerstone	3	C	■		
!	Major Requirements <sup>4</sup>	3	C	■		
	Kent Core Requirement	3				
<b>Semester Six [15 Credits]</b>						
!	COMT 46308 Advanced Visual Basic Programming	3	C	■		
!	COMT upper-division courses	3	C	■		
!	Major Requirements <sup>4</sup>	3	C	■		
	Kent Core Requirement	3				
	Applied Courses <sup>2</sup>	3				
<b>Semester Seven [15-16 Credits]</b>						
!	COMT 46340 Data Design and Implementation	3	C	■		
!	Major Requirements <sup>4</sup>	3	C	■		
!	Concentration Requirements <sup>5</sup>	3 - 4	C	■		
	Kent Core Requirement	3				
	Applied Courses <sup>2</sup>	3				
<b>Semester Eight [12-13 Credits]</b>						
!	TAS 47900 Technical and Applied Studies Capstone	3	C	■	ELR	
!	COMT upper-division courses	3	C	■		
!	Concentration Requirements <sup>5</sup>	3 - 4	C	■		
	Kent Core Requirement	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	2.000	2.000

1. US 10097 is not required of transfer students with 25 credits (excluding College Credit Plus and dual-enrollment credit) or students age 21+ at time of admission.
2. Total hours required depend on meeting minimum 120 credit hours and minimum 39 upper-division hours. Applied courses should be chosen from the major in an associate degree program, a declared minor or individualized specialization selected in consultation with an advisor.

3. A minimum grade of C (2.000) must be earned to fulfill the writing-intensive requirement.

4. Major Requirements (9 credit hours)

Choose from the following:	
BMRT 11009 Introduction to Management Technology * (3)	BMRT 36401 Applications of Technology Management Software (3)
COMM 35864 Organizational Communication <sup>W</sup> (3)	ENG 20002 Introduction to Technical Writing (3)
ENG 30063 Professional Writing (3)	ITAP 26638 Business Communications (3)
LIB 30010 Information Fluency in the Workplace and Beyond (3) or LIS 30010 Information Fluency in the Workplace and Beyond (3)	SOC 32570 Inequality in Societies (3) TECH 31000 Cultural Dynamics of Technology <sup>W</sup> (3)

\* Equivalent to MIS 24163.

<sup>W</sup> To fulfill the writing-intensive requirement, either COMM 35864, COMT 36318 or TECH 31000 must be earned with minimum C (2.000) grade.

5. Concentration Requirements (6-8 credit hours)

Choose from the following:	
COMT 36301 Advanced C++ Programming (4)	COMT 36302 C Sharp Programming (3)
COMT 36308 Ergonomics in Computer Systems (3)	COMT 36309 Programming Mobile Applications (3)
COMT 36311 Advanced Java Programming (4)	COMT 36350 Programming Office Productivity Applications (3)
COMT 46309 Visual Basic Web Programming (3)	COMT 46315 SQL With Oracle (3)

**Notes:**

Students enrolled in the Technical and Applied Studies major within the Bachelor of Technical and Applied Studies degree may declare more than one concentration, provided that there are minimum 12 credit hours of coursework unique to each concentration. Students enrolled in the Computer Technology General concentration may not select another Computer Technology concentration. Students who elect to declare more than one concentration must complete all concentration requirements, and they must meet with an advisor for a plan of study that meets these requirements before additional concentrations can be declared. Any changes made to the program of study must also be approved by an advisor, or the student may not be allowed to graduate with multiple concentrations.

PSYC 11762 and SOC 12050 are prerequisites for multiple courses in the TAS major

**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](http://www.kent.edu/catalog/kent-core); Diversity Course Requirement – [www.kent.edu/catalog/diversity](http://www.kent.edu/catalog/diversity); Writing-Intensive Course Requirement – [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic); Experiential Learning Requirement – [www.kent.edu/catalog/elr](http://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