

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]						
!	AERN 15000 Introduction to Aeronautics	3		■		
!	AERN 15745 Non-Pilot Elements of Flight Theory	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 [15 Credits]						
	AERN 25250 Elements of Aviation Weather	3		■		
	AERN 25350 Fundamentals of Air Traffic Control	2		■		
	AERN 25351 Fundamentals of Air Traffic Control Laboratory	1		■		
	COMM 15000 Introduction to Human Communication	3			KAD	
	MATH 11022 Trigonometry	3			KMC	
	TECH 13580 Engineering Graphics I	3		■		
Semester Three [15 Credits]						
	AERN 20000 Professional Development in Aeronautics I	1		■		
	ECON 22060 Principles of Microeconomics	3			KSS	
	PHY 13001 General College Physics I	4			KBS	
	PHY 13021 General College Physics Laboratory I	1			KBS	
	Kent Core Requirement	3				
	Kent Core Requirement	3				
Semester Four [15 Credits]						
!	AERN 35340 Airport Management	3		■		
!	MIS 24163 Principles of Management	3		■		
	ACCT 23020 Introduction to Financial Accounting	3		■		
	ECON 22061 Principles of Macroeconomics	3			KSS	
	PHY 13012 College Physics II ²	2			KBS	
	PHY 13022 General College Physics Laboratory II	1			KBS	
Semester Five [16 Credits]						
	AERN 30000 Professional Development in Aeronautics II	1		■		
	AERN 35339 Fixed Base Operator Operations	3		■		
	AERN 35341 Air Transportation Systems	3		■		
	MIS 34180 Human Resource Management	3		■		
	MKTG 25010 Principles of Marketing	3		■		
	Kent Core Requirement	3				
Semester Six [15 Credits]						
!	AERN 45150 Applied Flight Dynamics I	3		■		
!	AERN 45250 Aviation Law	3		■		
	AERN 35031 Aviation Industry Regulations	3		■		
	COMM 20001 Interpersonal Communication	3		■		
	General Electives (upper-division)	3				
Semester Seven [15 Credits]						
!	AERN 45791 Aviation Security and Policy Seminar	3	C ³	■	WIC	
	AERN 45100 Operational Planning in Aviation	3		■		
	AERN 45130 Physiology and Human Factors of Flight	3		■		
	AERN 45135 Aviation Safety Theory	3		■		
	Kent Core Requirement	3				
Semester Eight [15 Credits]						
!	AERN 45291 Aerospace Senior Seminar	1		■		
	AERN 45040 Labor Relations in the Aviation Industry	3		■		
	AERN 45200 Strategic Aviation Management	3	C	■	ELR	
	FIN 36053 Business Finance	3		■		
	General Electives (upper-division)	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	2.500	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. Students who successfully completed PHY 13002 will have met the requirement for PHY 13012.
3. A minimum C grade must be to fulfill the writing-intensive requirement.

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