

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 [14 Credits]						
!	AMRT 10010 FAA Regulations and Documentation	2		■		
!	AMRT 10020 Aircraft Tools and Techniques	2		■		
	MATH 11010 Algebra for Calculus	3			KMC	
	MATH 11022 Trigonometry	3			KMC	
	US 10097 Destination Kent State: First Year Experience ¹	1				
	Kent Core Composition	3			KCM	
Semester Two [18-19 Credits]						
!	AMRT 10030 Airframe I	3		■		
!	AMRT 10040 Aviation Power Plant I	4		■		
	PHY 12201 Technical Physics I (4) or PHY 13001 General College Physics I (4) ² and PHY 13021 General College Physics I Laboratory (1)	4-5			KBS	
	EERT 12000 Electric Circuits I	4		■		
	MERT 12005 Properties of Materials	3		■		
Semester Three [17-19 Credits]						
!	AMRT 20010 Airframe II	3		■		
!	AMRT 20030 Aviation Electronics	3		■		
!	AMRT 20060 Aviation Power Plant II	2		■		
	EERT 12001 Electrical Circuits II	3		■		
	ENG 20002 Introduction to Technical Writing	3				
	PHY 12202 Technical Physics II (4) or PHY 13002 General College Physics II (4) ² and PHY 13022 General College Physics II Laboratory (1) or PHY 13012 College Physics II (2) ² and PHY 13022 General College Physics II Laboratory (1)	3-5			KBS	
Semester Four [16 Credits]						
!	AMRT 20020 Airframe III	2		■		
!	AMRT 20040 Principles of Flight	3		■		
!	AMRT 20050 Practicum in Advanced Aviation	2		■		
	MERT 22012 Fluid Power	3		■		
	Kent Core Social Sciences	3				
	Kent Core Humanities and Fine Arts	3				

Graduation Requirements Summary

Minimum Total Hours	Minimum	
	Major GPA	Overall GPA
66	2.000	2.000

- US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
- Students who completed PHY 12201 should take PHY 12202; student who completed PHY 13001 should take PHY 13002 or PHY 13012.

University Requirements: Applied and technical associate degree-seeking students must fulfill selected Kent Core (general education requirements). For more information about this requirement, please read the following section in the University Catalog: Kent Core – www.kent.edu/catalog/kent-core.

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