

## Catalog Year 2025-2026

AAS, Airframe and Powerplant

(For internal use only)					
$ \nabla$	No change				

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The example below is only one strategy. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Electives, and university requirements (see pg.2) are based on Catalog Year.

Course Subject and Title	Cr.	Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co-Requisite
Semester One					_	
GE Objective 1: ENGL 1101 Writing and Rhetoric I		C-	GE		Appropriate placement score	
AIRM 1100: Introduction to Aircraft Maintenance and		C-		F	Minimum score of 14 on	
Aviation Aerodynamics		C-		Г	ALEKS or equivalent	
AIRM 1101: Mathematics		C-		F		
AIRM 1104: Materials and Processes		C-		F		
AIRM 1107: Forms and Regulations		C-		F		
AIRM 1113: Rigging and Inspection		C-		F		
Total	16					
Semester Two						
GE Objective 2: COMM 1101 Fundamentals of Oral Comm		C-	GE	F, S		
AIRM 1108: Basic Electricity		C-		S		
AIRM 1109: Fluid Systems		C-		S		
AIRM 1110: Landing Gear Systems		C-		S		
AIRM 1114: Metallic Structures	4	C-		S		
AIRM 1115: Aircraft Instruments, Comm, and Navigation	2	C-		S		
Total	16					
Semester Three (Summer)				•		
GE Objective 3: Mathematical Ways of Knowing	3	C-	GE			
AIRM 1112: Aircraft Electrical Systems		C-		Su		
AIRM 1111: Auxiliary Systems	3	C-		Su		
Total	9					
Semester Four						
GE Objective 6: TGE 1150 Applied Social Sciences in the		C-	GE	D		
Workplace (Recommended)						
AIRM 1116: Non-Metallic Structures		C-		F		
AIRM 2223: Basic Turbine Engines		C-		F		
AIRM 2224: Advanced Turbine Engines		C-		F		
AIRM 2225: Powerplant Lubrication Systems		C-		F		
AIRM 2230: Propeller Systems		C-		F		
Total	15					
Semester Five						
Elective GE: Any Objective Not Previously Applied		C-	GE			
AIRM 2221: Reciprocating Engine Theory and Practice		C-		S		
AIRM 2222: Advanced Reciprocating Engine Inspect &	2	C-		S		<u> </u>
Maintenance						
AIRM 2227: Engine Fuel Metering Systems		C-		S		
AIRM 2228: Engine Ignition Systems		C-		S		
AIRM 2229: Engine Electrical and Instrument Systems		C-		S		
Total	14					

GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major

<sup>\*\*</sup>See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)

,	CR	GENERAL EDUCATION OF	RIECTIVES	45
2025-2026 Major Requirements		Satisfy Objectives 1,2,3,4	15 cr. min	
MAJOR REQUIREMENTS	55	1. Written English (3 cr. mi		3
AIRM 1100: Introduction to Aircraft Maintenance and Aviation	2	ğ ,	•	
Aerodynamics		2. Spoken English (3 cr. mir	COMM 1101	3
AIRM 1101: Mathematics	3	3. Mathematics (3 cr. mir	)	3
AIRM 1104: Materials and Processes		4. Humanities, Fine Arts, For	eign Lang.	
AIRM 1107: Forms and Regulations	2			
AIRM 1108: Basic Electricity	3			
AIRM 1109: Fluid Systems	2	5. Natural Sciences		
AIRM 1110: Landing Gear Systems	2			
AIRM 1111: Auxiliary Systems	3			
AIRM 1112: Aircraft Electrical Systems	3			
AIRM 1113: Rigging and Inspection	2	6. Behavioral and Social Scient	nce (1 course; 3 cr. min)	
AIRM 1114: Metallic Structures	4	TGE 1150 (Recommended)		3
AIRM 1115: Aircraft Instruments, Communications, and Navigation	2			
AIRM 1116: Non-Metallic Structures		One Course from EITHER Ob	jective 7 OR 8	
AIRM 2221: Reciprocating Engine Theory and Practice		7. Critical Thinking		
AIRM 2222: Advanced Reciprocating Engine Inspection & Maintenance	2	8. Information Literacy		
AIRM 2223: Basic Turbine Engines	3	9. Cultural Diversity		
AIRM 2224: Advanced Turbine Engines	2			
AIRM 2225: Powerplant Lubrication Systems	2	General Education Elective t	o reach 36 cr. min. (if n	ecessary)
AIRM 2227: Engine Fuel Metering Systems	2			3
AIRM 2228: Engine Ignition Systems	2		Total GE	15
AIRM 2229: Engine Electrical and Instrument Systems  AIRM 2230: Propeller Systems	2	http://coursecat.isu.edu/underd	GE Objectives by <u>Catalog Year</u>	
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		MAP Credit Summary		CR
		Major		55
		General Education		15
		Upper Division Free Elect	ives to reach 36 credits	0
		Free Electives to reach 12	0 credits	0
			TOTAL	70
			. IVIIIIII CI CUIT CIICCKIIST	Confirmed
		Minimum 36 cr. General Education Objectives (15 cr. AAS)		Х
		Minimum 15 cr. Upper Division in Major (0 cr. Associate)		
		Minimum 36 cr. Upper Division Overall (0 cr. Associate)		
		Minimum of 120 cr. Total (60 cr. Associate)		
Advising Notes		MAP Completion Status	• • • • • • • • • • • • • • • • • • • •	
			Date	
		CAA or COT:	GR 09/25/2025	
		2.0.0.0071		
		Complete College Americ	an Momentum Year	
			in first year-Specific GE MATH cours	e identified
		9 credits in the Major are		
		15 credits each semester		
		Milestone courses	, and a second year,	

Form Revised 9.10.2019