

Catalog Year 2023-2024

AAS, Airframe and Powerplant

🗵 No change

 \square UCC proposal

Requirements including Major, General Education	эп, ею				equirements (see pg.2) are bas	ed 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	3	C-	GE		Appropriate placement score	
AIRM 1100: Introduction to Aircraft Maintenance and	2	C-		F	Minimum score of 14 on	
Aviation Aerodynamics					ALEKS or equivalent	
AIRM 1101: Mathematics	3	C-		F		
AIRM 1104: Materials and Processes	4	C-		F		
AIRM 1107: Forms and Regulations	2	C-		F		
AIRM 1113: Rigging and Inspection	2	C-		F		
Total	16					
Semester Two	T		•	1		
GE Objective 2: COMM 1101 Fundamentals of Oral Comm	3	C-	GE	F, S		
AIRM 1108: Basic Electricity	3	C-		S		
AIRM 1109: Fluid Systems	2	C-		S		
AIRM 1110: Landing Gear Systems	2	C-		S		
AIRM 1114: Metallic Structures	4	C-		S		
AIRM 1115: Aircraft Instruments, Comm, and Navigation	2	C-		S		
Total	16					
Semester Three (Summer)	1	-	1	1		
GE Objective 3: Mathematical Ways of Knowing	3	C-	GE	Su		
AIRM 1111: Auxiliary Systems	3	C-		Su		
AIRM 1112: Aircraft Electrical Systems	3	C-		Su		
Total	9					
Semester Four	1	-	1	1		
GE Objective 6: TGE 1150 Applied Social Sciences in the	3	C-	GE	D		
Workplace (Recommended)						
AIRM 1116: Non-Metallic Structures	3	C-		F		
AIRM 2223: Basic Turbine Engines	3	C-		F		
AIRM 2224: Advanced Turbine Engines	2	C-		F		
AIRM 2225: Powerplant Lubrication Systems	2	C-		F		
AIRM 2230: Propeller Systems	2	C-		F		
Total	15					
Semester Five	1	1	1	1	1	
Elective GE: Any Objective Not Previously Applied	3	C-	GE			
AIRM 2221: Reciprocating Engine Theory and Practice	3	C-		S	↓	
AIRM 2222: Advanced Reciprocating Engine Inspect &	2	C-		S		
Maintenance						
AIRM 2227: Engine Fuel Metering Systems	2	C-		S		
AIRM 2228: Engine Ignition Systems	2	C-		S		
AIRM 2229: Engine Electrical and Instrument Systems Total	2 14	C-		S	<u> </u>	

	T			15 cr.	
2023-2024 Major Requirements		GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9			
MAJOR REQUIREMENTS	CR 55	1. Written English (3 cr. mir		min 3	
AIRM 1100: Introduction to Aircraft Maintenance and Aviation		1. WHILLEH ENglish (5 cl. hill		5	
Aerodynamics	2	2. Spoken English (3 cr. mir	n) COMM 1101	3	
AIRM 1101: Mathematics	3	3. Mathematics (3 cr. mir		3	
AIRM 1104: Materials and Processes	4	4. Humanities, Fine Arts, For	reign 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	J. Natural Sciences			
AIRM 1111: Auxiliary Systems	3				
AIRM 1112: Aircraft Electrical Systems	3				
AIRM 1113: Rigging and Inspection	2	6. Behavioral and Social Scie	unco (1 courses 2 cr. min)		
AIRM 1113: Negalig and inspection AIRM 1114: Metallic Structures	4	TGE 1150 (Recommended)	ence (1 course; 3 cr. min)	3	
AIRM 1115: Aircraft Instruments, Communications, and Navigation	2	TOL 1150 (Recommended)			
AIRM 1116: Non-Metallic Structures	3	One Course from EITHER Ob	iective 7 OR 8		
AIRM 2221: Reciprocating Engine Theory and Practice	3	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 ne	cessary)	
AIRM 2227: Engine Fuel Metering Systems	2			3	
AIRM 2228: Engine Ignition Systems	2		Total GE	15	
AIRM 2229: Engine Electrical and Instrument Systems	2	Undergraduate Catalog and			
AIRM 2230: Propeller Systems	2	http://coursecat.isu.edu/underg			
		-			
		-			
		MAP Credit Summary	MAP Credit Summary		
	1	Major		55	
		General Education		15	
		Upper Division Free Elect	ives to reach 36 credits	0	
	1	Free Electives to reach 12		0	
			TOTAL	70	
		TOTAL			
		-			
	1				
Advicing Notos		Graduation Requirement	t Minimum Credit Checklist	Confirmed	
		Minimum 36 cr. General Education Objectives (15 cr. AAS)		Х	
	1	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)		X	
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	L	MAD Completion Status	(for internal use only)		
Advising Notes		MAP Completion Status (for internal use only)			
			Date		
		CAA or COT:	PJ 05/31/2023		
		Complete College American Momentum Year			
		Math and English course in first year-Specific GE MATH course ide			
		9 credits in the Major area in first year			
		15 credits each semester	(or 30 in academic year)		
		Milestone courses			

Form Revised 9.10.2019