

## Catalog Year 2023-2024

ADTC, Powerplant

or internal u	ise only)
---------------	-----------

 $\boxtimes$  No change

 $\square$  UCC proposal

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						
AIRM 1100: Introduction to Aircraft and Aerodynamics	2	C-		F		
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	13					
Semester Two						
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	13					
Semester Three (Summer)						
AIRM 1111: Auxiliary Systems	3	C-		Su		
AIRM 1112: Aircraft Electrical Systems	3	C-		Su		
Total	6					
Semester Four						
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	12					
Semester Five						
AIRM 2221: Reciprocating Engine Theory and Practice	3	C-		S		
AIRM 2222: Advanced Reciprocating Engine Inspection &	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	2	C-		S		
Total *GE=General Education Objective, UU=Upper Division University, UN	11					

<sup>\*</sup>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.)

ATC, Powerplant Page 2

ATC, FOWEI plant		CENERAL EDUCATION OF	PIECTIVES	0 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. min		min	
AIRM 1100: Introduction to Aircraft Maintenance and Aviation		1. Written English (5 cr. min	,		
Aerodynamics	2				
AIRM 1101: Mathematics	3	2. Spoken English (3 cr. min			
AIRM 1104: Materials and Processes	4	3. Mathematics (3 cr. min	)		
AIRM 1107: Forms and Regulations	2	4. Humanities, Fine Arts, For	eign Lang.		
AIRM 1108: Basic Electricity	3				
AIRM 1109: Fluid Systems	2				
AIRM 1110: Landing Gear Systems	2	5. Natural Sciences			
AIRM 1111: Auxiliary Systems	3				
AIRM 1112: Aircraft Electrical Systems	3				
AIRM 1113: Rigging and Inspection	2				
AIRM 1114: Metallic Structures	4	6. Behavioral and Social Scie	nce		
AIRM 1115: Aircraft Instruments, Communications, and Navigation	2				
AIRM 1116: Non-Metallic Structures	3				
AIRM 2221: Reciprocating Engine Theory and Practice	3	One Course from EITHER Ob	jective 7 OR 8		
AIRM 2222: Advanced Reciprocating Engine Inspection & Maintenance	2	7. Critical Thinking			
AIRM 2223: Basic Turbine Engines	3	8. Information Literacy			
AIRM 2224: Advanced Turbine Engines	2	9. Cultural Diversity			
AIRM 2225: Powerplant Lubrication Systems	2				
AIRM 2227: Engine Fuel Metering Systems	2	General Education Elective t	o reach 36 cr. min. (ii	necessary)	
AIRM 2228: Engine Ignition Systems	2		- · · · ·		
AIRM 2229: Engine Electrical and Instrument Systems  AIRM 2230: Propeller Systems	2	Lindagen ducts Catalan and	Total G	E 0	
AIRWI 2230: Propeller systems		http://coursecat.isu.edu/underg	GE Objectives by <u>Catalog Year</u>		
		MAP Credit Summary	CR		
		Major	55		
		General Education			
		Upper Division Free Electives to reach 36 credits			
		Free Electives to reach 120 credits			
			. 55		
		<b>Graduation Requirement</b>	Confirmed		
		Minimum 36 cr. General Edu	ication Objectives (15 cr. AAS)		
		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 (	for internal use only)		
Advising Notes		completion status (	Date		
			Dute		
		CAA or COT:	DL 06 /01 /2022		
		CAA or COT:	PJ 06/01/2023		
		0			
		Complete College American Momentum Year			
		Math and English course in first year-Specific GE MATH course identified 9 credits in the Major area in first year			
		15 credits each semester	(or 30 in academic year)		
		Milestone courses	Form Revised		