



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						
ESET 1100: Engineering Technology Orientation AND ESET 1100L: Intro to an Industrial Environment Lab OR ESET 1162: Industrial Safety and Regulations	2	C-	GE	F, S, D	Minimum score of 30 on ALEKS or equivalent	
ESET 1118: Industrial Maintenance Mechanic I	2	C-				ESET 1118L
ESET 1118L: Industrial Maintenance Mechanic Lab I	1	C-		F, D		ESET 1118
ESET 1123: Mechanical Power Transmission I	2	C-		F, D		ESET 1123L
ESET 1123L: Mechanical Power Transmission Lab I	2	C-		F, D		ESET 1123
Total	9					
Semester Two						
ESET 1119: Industrial Maintenance Mechanic II	2	C-		S, D	ESET 1118	ESET 1119L
ESET 1119L: Industrial Maintenance Mechanic Lab II	1	C-		S, D		ESET 1119
ESET 1125: Introduction to Structural Welding	1	C-		S, D		
ESET 1126: Introduction to Mechanical Drafting and CAD	1	C-		S, D		
ESET 1127: Mechanical Power Transmission II	2	C-		S, D	ESET 1123/L or instructor permission	ESET 1127L
ESET 1127L: Mechanical Power Transmission Lab II	2	C-		S, D		ESET 1127
Total	9					
*GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major **See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)						

2024-2025 Major Requirements		CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	0 cr. min
MAJOR REQUIREMENTS		18	1. Written English	
ESET 1100: Engineering Technology Orientation AND ESET 1100L: Introduction to an Industrial Environment Lab OR ESET 1162: Industrial Safety and Regulations	2	2. Spoken English 3. Mathematics		
ESET 1118: Industrial Maintenance Mechanic I	2	4. Humanities, Fine Arts, Foreign Lang.		
ESET 1118L: Industrial Maintenance Mechanic Lab I	1			
ESET 1119: Industrial Maintenance Mechanic II	2			
ESET 1119L: Industrial Maintenance Mechanic Lab II	1	5. Natural Sciences		
ESET 1123: Mechanical Power Transmission I	2			
ESET 1123L: Mechanical Power Transmission Lab I	2			
ESET 1125: Introduction to Structural Welding	1			
ESET 1126: Introduction to Mechanical Drafting and Computer Aided Design	1	6. Behavioral and Social Science		
ESET 1127: Mechanical Power Transmission II	2			
ESET 1127L: Mechanical Power Transmission Lab II	2	One Course from EITHER Objective 7 OR 8		
		7. Critical Thinking		
		8. Information Literacy		
		9. Cultural Diversity		
		General Education Elective to reach 36 cr. min. (if necessary)		
		Total GE	0	
		Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/		
		MAP Credit Summary	CR	
		Major	18	
		General Education	0	
		Upper Division Free Electives to reach 36 credits	0	
		Free Electives to reach 120 credits	0	
		TOTAL	18	
		Graduation Requirement Minimum Credit Checklist	Confirmed	
		Minimum 36 cr. General Education 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)		
			Date	
		CAA or COT:	EA 6/18/2024	
		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		