

## **Catalog Year 2025-2026**

BTC, Industrial Maintenance Mechanic

(For internal use only)

oxtimes 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										
ESET 1100: Engineering Technology Orientation AND					Minimum score of ALEKS 30 or					
ESET 1100L: Introduction to an Industrial Environment Lab	2	C-	GE	F, S, D	equivalent					
OR ESET 1162: Industrial Safety and Regulations										
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	1	(		S, D						
Computer Aided Design	1 C-			3, D						
ESET 1127: Mechanical Power Transmission II	2	C-		S, D	ESET 1123/L or instructor approval	ESET 1127L				
ESET 1127L: Mechanical Power Transmission Lab II	2	C-		S, D		ESET 1127				
Total	9									

<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.)

2025-2026 Major Requirements  MAJOR REQUIREMENTS		GENERAL EDUCATION OB	0 cr.			
		Satisfy Objectives 1,2,3,4,	5,6 (7 or 8) and 9	min		
	18	1. Written English				
ESET 1100: Engineering Technology Orientation AND ESET 1100L: Introduction to an Industrial Environment Lab <b>OR</b>	2	2 Spoken English				
ESET 1162: Introduction to an industrial Environment Lab <b>OK</b>	2	2. Spoken English 3. Mathematics				
			oian Lana			
ESET 1118: Industrial Maintenance Mechanic I		4. Humanities, Fine Arts, Fore	eign Lang.			
ESET 1118L: Industrial Maintenance Mechanic Lab I						
ESET 1119: Industrial Maintenance Mechanic II						
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		6. Behavioral and Social Scien	nce			
Aided Design	2					
ESET 1127: Mechanical Power Transmission II		One Course from FITUED Objective 7 OD 0				
ESET 1127L: Mechanical Power Transmission Lab II		One Course from EITHER Obj	ective 7 OR 8			
		7. Critical Thinking				
		8. Information Literacy				
		9. Cultural Diversity				
		Conoral Education Floative to	reach 26 or min			
		General Education Elective to	ducation Elective to reach 36 cr. min.			
			Total GE	0		
		Undergraduate Catalog and C	GE Objectives by Catalog Year			
		http://coursecat.isu.edu/undergi				
		MAP Credit Summary  Major  General Education				
				CR		
				18		
				0		
		Upper Division Free Electives to reach 36 credits				
		Free Electives to reach 120 credits				
		TOTAL				
		TOTAL 18				
		1				
		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)				
		William of 120 cf. Total (60	CI. Associate)			
		MAD Completion Status (for the				
Advising Notes		MAP Completion Status (for internal use only)				
			Date			
		CAA or COT:	GR 07/01/2025			
		Complete College America	an Momentum Year			
			Math and English course in first year-Specific GE MATH course identified			
		9 credits in the Major area in first year				
	_	nester (or 30 in academic year)				
	Milestone courses					