

Catalog Year 2023-2024

BTC, Energy Systems Mechanical Engineering Technology: Industrial Maintenance Mechanic (For internal use only)

 \boxtimes No change

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				F, S, D		
ESET 1100L: Engineering Technology Orientation Lab; OR	2	C-		F, S, D		
ESET 1162: Industrial Safety and Regulations				F, S, D		
ESET 1118: Industrial Maintenance Mechanic I	2	C-				ESET 1118L
ESET 1118L: Industrial Maintenance Mechanic I Lab	1	C-		F, D		ESET 1118
ESET 1123: Mechanical Power Transmission I	2	C-		F, D		ESET 1123L
ESET 1123L: Mechanical Power Transmission I Lab	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 II Lab	1	C-		S, D		ESET 1119
ESET 1125: Introduction to Structural Welding	1	C-		S, D		
ESET 1126: Intro to Mech Drafting and CAD	1	C-		S, D		
ESET 1127: Mechanical Power Transmission II	2	C-		S, D	ESET 1123, ESET 1123L	ESET 1127L
ESET 1127L: Mechanical Power Transmission II Lab	2	C-		S, D		ESET 1127
Total	9					

^{**}See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)

2023-2024 Major Requirements	18	GENERAL EDUCATION OBJECTIVES					
<u> </u>	CR	Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9					
MAJOR REQUIREMENTS		1. Written English (6 cr. min)		ENGL 11			
ESET 1100: Engineering Technology Orientation AND				ENGL 11			
ESET 1100L: Engineering Technology Orientation Lab; OR ESET 1162: Industrial Safety and Regulations	2	2. Spoken English (3 cr. min)		COMM 11			
		3. Mathematics (3 cr. min)		Recommended by D			
ESET 1118: Industrial Maintenance Mechanic I	2	4. Humanities, Fine Arts, Foreign Lang. (2 courses; 2 categories; 6 cr.					
ESET 1118L: Industrial Maintenance Mechanic I Lab	1						
ESET 1119: Industrial Maintenance Mechanic II	2						
ESET 1119L: Industrial Maintenance Mechanic II Lab	1	5. Natural Sciences (2 lectures-	different course	prefixes, 1 lab; 7 c	. min)		
ESET 1123: Mechanical Power Transmission I	2						
ESET 1123L: Mechanical Power Transmission I Lab	2						
ESET 1125: Introduction to Structural Welding	1						
ESET 1126: Intro to Mech Drafting and Computer Aided Design	1	6. Behavioral and Social Science (2 courses-different prefixes; 6 cr. mi					
ESET 1127: Mechanical Power Transmission II	2						
ESET 1127L: Mechanical Power Transmission II Lab	2						
		One Course from EITHER Obje	ctive 7 OR 8	(1 cou	rse; 3 cr.	min	
		7. Critical Thinking					
		8. Information Literacy					
		9. Cultural Diversity		(1 cou	rse; 3 cr.	mir	
			and the manuals 20 are main. (If				
		General Education Elective to	ation Elective to reach 36 cr. min. (if necessary)				
			Total GE				
		Total GE Undergraduate Catalog and GE Objectives by Catalog Year					
		http://coursecat.isu.edu/undergraduate/programs/					
		MAP Credit Summary				CR	
		Major				18	
		General Education					
		Upper Division Free Electives to reach 36 credits					
		Free Electives to reach 120 credits					
		TOTAL					
		TOTAL				18	
		Graduation Requirement N	quirement Minimum Credit Checklist			ned	
		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)					
		Millimit of 120 cf. Total (00 cf. Associate)					
Advising Notes		MAP Completion Status (for internal use only)					
Advising Notes		Date		- 5,			
			Date				
		OAA or COT:	מכ/פום				
		OAA or COT:	PJ 3/29/23				
		Complete College American Momentum Year					
		Math and English course in	-	ecific GE MATH cou	rse identi	ified	
		9 credits in the Major area in first year					
		15 credits each semester (or 30 in academic year)					
		Milestone courses					

Form Revised 6.16.2021