



**Catalog Year 2024-2025**

ITC, Energy Systems Technology  
Recommended for those interested in seeking an AAS in  
Energy Systems Electrical Engineering Technology

(For internal use only)

☒ 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						
GE Objective 1: ENGL 1101 Writing and Rhetoric I	3	C-	GE	F, S, Su		
ESET 1100: Engineering Technology Orientation	1	C-		F, S, D		
ESET 1100L: Intro to an Industrial Environment Lab	1	C-		F, S, D		
ESET 1101: Electrical Circuits I	4	C-		F, S, D		ESET 1101L
ESET 1101L: Electrical Circuits I Lab	4	C-		F, S, D		ESET 1101
ESET 1140: Applied Technical Intermediate Algebra	5	C-		F, S, D	Minimum ALEKS score of 30 or equivalent	
Total	18					
Semester Two						
Ge Objective 5: PHYS 1101 & 1101L Elements of Physics	4	C-	GE	F, S		
GE Objective 3: MATH 1143 or 1147 or 1153 or 1160 or 1170 or MGT 2216	3-5	C-	GE	F, S, Su		
ESET 1102: Electrical Circuits II	5	C-		F, S, D		ESET 1102L
ESET 1102L: Electrical Circuits II Lab	5	C-		F, S, D		ESET 1102
Total	17-19					

\*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	10 cr. min
<b>MAJOR REQUIREMENTS</b>	<b>25</b>	1. Written English (6 cr. min) ENGL 1101	3
ESET 1100: Engineering Technology Orientation	1		
ESET 1100L: Introduction to an Industrial Environment Lab	1	2. Spoken English (3 cr. min)	
ESET 1101: Electrical Circuits I	4	3. Mathematics MATH 1143, 1147, 1153, 1160, 1170, or MGT 2216	3-5
ESET 1101L: Electrical Circuits I Lab	4	4. Humanities, Fine Arts, Foreign Lang.	
ESET 1102: Electrical Circuits II	5		
ESET 1102L: Electrical Circuits II Lab	5		
ESET 1140: Applied Technical Intermediate Algebra	5	5. Natural Sciences (2 lectures-different course prefixes, 1 lab; 7 cr. min)	
		PHYS 1101/L: Elements of Physics	4
		6. Behavioral and Social Science	
		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)	
		<b>Total GE</b>	<b>10-12</b>
		Undergraduate Catalog and GE Objectives by <a href="http://coursecat.isu.edu/undergraduate/programs/">Catalog Year</a> <a href="http://coursecat.isu.edu/undergraduate/programs/">http://coursecat.isu.edu/undergraduate/programs/</a>	
		<b>MAP Credit Summary</b>	<b>CR</b>
		Major	25
		General Education	10-12
		Upper Division Free Electives to reach 36 credits	0
		Free Electives to reach 120 credits	0
		<b>TOTAL</b>	<b>35-37</b>
		<b>Graduation Requirement Minimum Credit Checklist</b>	<b>Confirmed</b>
		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)	
<b>Advising Notes</b>		<b>MAP Completion Status (for internal use only)</b>	
			Date
		CAA or COT:	EA 06/18/2024
		<b>Complete College American Momentum Year</b>	
		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)	
		<b>Milestone</b> courses	