

Catalog Year 2022-2023
ITC, Energy Systems Technology

 Recommended for those interested in seeking an AAS in
 Energy Systems Instrumentation 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 & Rhetoric I	3	D-	GE	F, S		
ESET 0100: Engineering Technology Orientation	1	C-		F, S		
ESET 0100L: Engineering Technology Orientation Lab	1	C-		F, S		
ESET 0101: Electrical Circuits I	4	C-		F, S		ESET 0101L
ESET 0101L: Electrical Circuits I Laboratory	4	C-		F, S		ESET 0101
ESET 0140: Applied Technical Intermediate Algebra	5	C-		F, S		ESET 0101
Total	18					
Semester Two						
GE Objective 5: PHYS 1101/L or CHEM 1100	4	D-	GE	F, S		
ESET 0102: Electrical Circuits II	5	C-		F, S		ESET 0102L
ESET 0102L: Electrical Circuits II Laboratory	5	C-		F, S		ESET 0102
ESET 0110: Introduction to Process Control	1	C-		F, S	ESET 0100	
ESET 0110L: Introduction to Process Control Laboratory	1	C-		F, S	ESET 0100L	
GE Objective 3: MATH 1143 or 1153 or 1160 or 1170 or MGT 2216	3-4	D-	GE	F, S, Su		
Total	19-20					

*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.)

2022-2023 Major Requirements		CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	7 cr. min
MAJOR REQUIREMENTS		27		
ESET 0100: Engineering Technology Orientation	1		1. Written English (3 cr. min) ENGL 1101	3
ESET 0100L: Engineering Technology Orientation Lab	1		ENGL 1102	
ESET 0101: Electrical Circuits I	4		2. Spoken English (3 cr. min) COMM 1101	
ESET 0101L: Electrical Circuits I Laboratory	4		3. Mathematics (3 cr. min) MATH 1153 or MATH 1170	3-4
ESET 0102: Electrical Circuits II	5		4. Humanities, Fine Arts, Foreign Lang.	
ESET 0102L: Electrical Circuits II Laboratory	5			
ESET 0110: Introduction to Process Control	1		5. Natural Sciences (1 lecture, 1 lab; 4 cr. min)	
ESET 0110L: Introduction to Process Control Laboratory	1		PHYS 1101/L	4
ESET 0140: Applied Intermediate Algebra	5			
			6. Behavioral and Social Science (1 course; 3 cr. min)	
PHYS 1101/L (counted as GE Obj.5)			One Course from EITHER Objective 7 OR 8	
ENGL 1101 (counted as GE Obj.1)			7. Critical Thinking	
			8. Information Literacy	
			9. Cultural Diversity	
			General Education Elective to reach 36 cr. min. (if necessary)	
			Total GE	10-11
			Undergraduate Catalog and GE Objectives by Catalog Year	
			http://coursecat.isu.edu/undergraduate/programs/	
			MAP Credit Summary	CR
			Major	27
			General Education	10-11
			Upper Division Free Electives to reach 36 credits	0
			Free Electives to reach 120 credits	0
			TOTAL	37-38
			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:	GJ 06/23/2022
			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	