

## Catalog Year 2025-2026

ITC, Basic Electronics

(For internal use only)

☐ 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 <b>OR</b>				F, S, Su	Appropriate placement score	
ENGL 1102 Writing and Rhetoric II OR	3	D-	GE	F, S, Su	Appropriate placement score	
GE Objective 2: COMM 1101 Fundamentals of Oral Comm				F, S		
RCET 1153A: Basic Electricity and DC Circuit Theory	4	C-		F, S	Minimum score of ALEKS 30 or equivalent	RCET 1153B
RCET 1153B: Basic Electricity and AC Circuit Theory	4	C-		F, S	RCET 1153A	RCET 1153A, 1155B
RCET 1155A: Basic Electricity and DC Circuit Lab	2	C-		F, S		RCET 1155B
RCET 1155B: Basic Electricity and AC Circuit Lab	2	C-		F, S	RCET 1155A	RCET 1155A, 1153B
Total	15					
Semester Two						
GE Objective 5: PHYS 1101/L Elements of Physics and Lab				F, S		
OR PHYS 1100 Essentials of Physics OR	4	D-	GE	F, S	Appropriate placement score	
PHYS 1111/1113 General Physics I and Lab				F		
RCET 1154A: Analog Control Devices Theory	4	C-		F, S, D	RCET 1153A, 1153B, 1155A, 1153B	RCET 1156A
RCET 1154B: Digital Control Devices Theory	4	C-		F, S, D	RCET 1153B	RCET 1156B
RCET 1156A: Analog Control Devices Lab	2	C-		F, S, D	RCET 1153A, 1153B, 1155A, 1155B	RCET 1154A
RCET 1156B: Digital Control Devices Lab	2	C-		F, S, D	RCET 1155B	RCET 1154B
Total	16					

<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.)

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2025-2026 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES	0 cr.			
<u> </u>		Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	min			
MAJOR REQUIREMENTS	24	1. Written English ENGL 1101	0-3			
RCET 1153A: Basic Electricity and DC Circuit Theory	4	ENGL 1102	0-3			
RCET 1153B: Basic Electricity and AC Circuit Theory	4	2. Spoken English COMM 1101 3. Mathematics	0-3			
RCET 1154A: Analog Control Devices Theory	4					
RCET 1154B: Digital Control Devices Theory	4	4. Humanities, Fine Arts, Foreign Lang.				
RCET 1155A: Basic Electricity and DC Circuit Lab	2					
RCET 1155B: Basic Electricity and AC Circuit Lab	2					
RCET 1156A: Analog Control Devices Lab	2	5. Natural Sciences	T.			
RCET 1156B: Digital Control Devices Lab	2	PHYS 1101/L or 1100 or 1111/1113	4			
ENGL 1101: Writing and Rhetoric I <b>OR</b>						
ENGL 1102: Writing and Rhetoric II <b>OR</b>		6. Behavioral and Social Science				
COMM 1101: Fundamentals of Oral Communication						
(counted in GE (	Obj. 1 or 2)					
PHYS 1101/L: Elements of Physics and Lab <b>OR</b>		One Course from EITHER Objective 7 OR 8				
PHYS 1100: Essentials of Physics <b>OR</b>		7. Critical Thinking				
PHYS 1111/1113: General Physics I and Lab (counted in						
		9. Cultural Diversity				
		General Education Elective to reach 36 cr. min.				
		Total GE	7			
		Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/				
		mtp.//coursecut.isu.eau/unaergraauate/programs/				
		1				
		MAP Credit Summary	CR			
		Major	24			
		General Education	7			
		Upper Division Free Electives to reach 36 credits	0			
		Free Electives to reach 120 credits	0			
		TOTAL	31			
		-				
		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: GR 06/27/2025				
		Complete College American Momentum Veer				
		Complete College American Momentum Year				
		Math and English course in first year-Specific GE MATH course	se identified			
		9 credits in the Major area in first year  15 credits each semester (or 30 in academic year)  Milestone courses				
		Form Revised				