

## **Catalog Year 2025-2026**

ATC, Computer Aided Design Drafting Mechanical Start

(For i	internal use only)
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☐ 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		Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co-Requisite
Semester One						
GE Objective 1: ENGL 1101 Writing and Rhetoric I	3	D-	GE	F, S, Su	Appropriate placement score	
CADD 1101: Drafting Technology Theory I (early 8 weeks)	2	D-		F		CADD 1108, 1109
CADD 1108: Introduction to CAD	4	D-		F	Minimum score of 30 on ALEKS or equivalent	CADD 1101
CADD 1109: Drafting Applied Algebra (early 8 weeks)	2	D-		F		
CADD 1111: Drafting Technology Theory II (late 8 weeks)	2	D-		F		CADD 1101, 1108
CADD 1119: Drafting Applied Descriptive Geometry (late 8 weeks)		D-		F	CADD 1109 or 2209	
Total	15					
Semester Two			,			
GE Objective 2: COMM 1101 Fundamentals of Oral Comm	3	D-	GE	F, S		
CADD 1121: Mechanical Drafting Technology Theory I (early 8 weeks)	2	D-		S	CADD 1111, 1129	CADD 1122, 1129
CADD 1122: Mechanical Drafting Technology Lab I (early 8 weeks)	3	D-		S	CADD 1108	CADD 1121
CADD 1129: Drafting Applied Analytic Geometry (early 8 weeks)	2	D-		S	CADD 1119	
CADD 1137: Mechanical Drafting Technology Theory II (late 8 weeks)	2	D-		S	CADD 1121, 1139	CADD 1138, 1139
CADD 1138: Mechanical Drafting Technology Lab II (late 8 weeks)	3	D-		S	CADD 1122	CADD 1137
CADD 1139: Drafting Applied Trigonometry (late 8 weeks)	2	D-		S	CADD 1129	
Total	17					
Semester Three			l			
CADD 2207: Architectural Design Theory I (early 8 weeks)	2	D-		F		CADD 2208, 2209
CADD 2208: Architectural Design Lab I (early 8 weeks)	3	D-		F		CADD 2207
CADD 2209: Estimation Concepts (early 8 weeks)	2	D-		F		
CADD 2217: Architectural Design Theory II (late 8 weeks)	2	D-		F		CADD 2207, 2218
CADD 2218: Architectural Design Lab II	3	D-		F		CADD 2208, 2217
Total	12					·
Semester Four						
TGE 1158: Employment Strategies	2	D-		F, S		
CADD 2227: Structural Steel Drafting Theory (early 8 weeks)	2	D-		S	CADD 2217	CADD 2228
CADD 2228: Structural Steel Drafting Lab (early 8 weeks)	3	D-		S	CADD 2218	CADD 2227
CADD 2247: Design Integration Theory (late 8 weeks)	2	D-		S	CADD 2227	CADD 2248
CADD 2248: Design Integration Lab (late 8 weeks)	3	D-		S	CADD 2228	CADD 2247
Total	12					

<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		GENERAL EDUCATION OBJECTIVES	0 cr.		
• •		Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	min		
MAJOR REQUIREMENTS	50	1. Written English ENGL 1101	3		
CADD 1101: Drafting Technology Theory I	2	2. Spoken English COMM 1101	2		
CADD 1108: Introduction to CAD CADD 1109: Drafting Applied Algebra	2	2. Spoken English COMM 1101 3. Mathematics	3		
CADD 1111: Drafting Technology Theory II	2	4. Humanities, Fine Arts, Foreign Lang.			
CADD 1119: Drafting Applied Descriptive Geometry	2				
CADD 1121: Mechanical Drafting Technology Theory I	2				
CADD 1122: Mechanical Drafting Technology Lab I	3	5. Natural Sciences			
CADD 1129: Drafting Applied Analytic Geometry	2				
CADD 1137: Mechanical Drafting Technology Theory II	2				
CADD 1138: Mechanical Drafting Technology Laboratory II	3				
CADD 1139: Drafting Applied Trigonometry	2	6. Behavioral and Social Science			
CADD 2207: Architectural Design Theory I	2				
CADD 2208: Architectural Design Laboratory I	3 2	One Course from EITUER Objective 7 OR 0			
CADD 2209: Estimation Concepts CADD 2217: Architectural Design Theory II	2	One Course from EITHER Objective 7 OR 8 7. Critical Thinking			
• ,	3	8. Information Literacy			
CADD 2218: Architectural Design Laboratory II CADD 2227: Structural Steel Drafting Theory		9. Cultural Diversity			
CADD 2227: Structural Steel Drafting Laboratory	3	3. Cultural Diversity			
CADD 2247: Design Integration Theory	2	General Education Elective to reach 36 cr. min.			
CADD 2248: Design Integration Laboratory	3	General Education Elective to readings on mini-			
TGE 1158: Employment Strategies	2	Total GI	6		
1 ,		Undergraduate Catalog and GE Objectives by Catalog Year	ı .		
ENGL 1101: Writing and Rhetoric I (counted in Ge	n Obj. 1)	http://coursecat.isu.edu/undergraduate/programs/			
		MAP Credit Summary			
		Major	50		
		General Education	6		
		Upper Division Free Electives to reach 36 credits	0		
		Free Electives to reach 120 credits	0		
		TOTAL	. 56		
	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)			
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		Minimum 36 cr. Upper Division Overall (0 cr. Associate)			
Advising Notes		Minimum 36 cr. Upper Division Overall (0 cr. Associate)			
Advising Notes		Minimum 36 cr. Upper Division Overall (0 cr. Associate)  Minimum of 120 cr. Total (60 cr. Associate)			
Advising Notes		Minimum 36 cr. Upper Division Overall (0 cr. Associate)  Minimum of 120 cr. Total (60 cr. Associate)  MAP Completion Status (for internal use only)  Date			
Advising Notes		Minimum 36 cr. Upper Division Overall (0 cr. Associate) Minimum of 120 cr. Total (60 cr. Associate)  MAP Completion Status (for internal use only)			
Advising Notes		Minimum 36 cr. Upper Division Overall (0 cr. Associate)  Minimum of 120 cr. Total (60 cr. Associate)  MAP Completion Status (for internal use only)  Date  CAA or COT: HW 06/13/2025			
Advising Notes		Minimum 36 cr. Upper Division Overall (0 cr. Associate)  Minimum of 120 cr. Total (60 cr. Associate)  MAP Completion Status (for internal use only)  Date  CAA or COT: HW 06/13/2025  Complete College American Momentum Year			
Advising Notes		Minimum 36 cr. Upper Division Overall (0 cr. Associate)  Minimum of 120 cr. Total (60 cr. Associate)  MAP Completion Status (for internal use only)  Date  CAA or COT: HW 06/13/2025  Complete College American Momentum Year  Math and English course in first year-Specific GE MATH course	se identified		
Advising Notes		Minimum 36 cr. Upper Division Overall (0 cr. Associate)  Minimum of 120 cr. Total (60 cr. Associate)  MAP Completion Status (for internal use only)  Date  CAA or COT: HW 06/13/2025  Complete College American Momentum Year  Math and English course in first year-Specific GE MATH course or control of the course	rse identified		
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