

## **Catalog Year 2025-2026**

AAS, Computer Aided Design Drafting **Mechanical Start** 

(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		Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co-Requisite
Semester One						
GE Objective 1: ENGL 1101 Writing and Rhetoric I		D-	GE	F, S, Su	Appropriate placement score	
CADD 1101: Drafting Technology Theory I (early 8 weeks)		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 1111: 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)		D-		S	CADD 1111, 1129	CADD 1122, 1129
CADD 1122: Mechanical Drafting Technology Lab I (early 8 weeks)		D-		S	CADD 1108	CADD 1121
CADD 1129: Drafting Applied Analytic Geometry (early 8 weeks)		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				•		
GE Objective 5: GEOL, CHEM, or PHYS and Lab	4	D-	GE			
CADD 2207: Architectural Design Theory I (early 8 weeks)		D-		F		CADD 2208, 2209
CADD 2208: Architectural Design Lab I (early 8 weeks)		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	16					·
Semester Four				•		
GE Objective 6: Any	3	D-	GE			
GE Objective 3: Any	3	D-	GE			
TGE 1158: Employment Strategies	2	D-		F, S		
CADD 2227: Structural Steel Drafting Theory (early 8 weeks)		D-		S	CADD 2217	CADD 2228
CADD 2228: Structural Steel Drafting Lab (early 8 weeks)		D-		S	CADD 2218	CADD 2227
CADD 2247: Design Integration Theory (late 8 weeks)		D-		S	CADD 2227	CADD 2248
CADD 2248: Design Integration Lab (late 8 weeks)	3	D-		S	CADD 2228	CADD 2247
Total	18	_		_		

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 OF	15 cr.		
· · ·		Satisfy Objectives 1,2,3,4		min	
MAJOR REQUIREMENTS	50	1. Written English	ENGL 1101	3	
CADD 1101: Drafting Technology Theory I	4				
CADD 1108: Introduction to CAD		2. Spoken English	COMM 1101	3	
CADD 1109: Drafting Applied Algebra		3. Mathematics	Any	3	
CADD 1111: Drafting Technology Theory II		4. Humanities, Fine Arts, For			
CADD 1119: Drafting Applied Descriptive Geometry	2	GEOL, CHEM, or PHYS AND I	Lab	4	
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 Scie	ence		
CADD 2207: Architectural Design Theory I	2	Any		3	
CADD 2208: Architectural Design Laboratory I	3				
CADD 2209: Estimation Concepts	2	One Course from EITHER Ob	jective 7 OR 8		
CADD 2217: Architectural Design Theory II	2	7. Critical Thinking			
CADD 2218: Architectural Design Laboratory II	3 2	8. Information Literacy			
CADD 2227: Structural Steel Drafting Theory		9. Cultural Diversity			
CADD 2228: Structural Steel Drafting Laboratory	3 2	General Education Elective t	to reach 26 or min		
CADD 2247: Design Integration Theory CADD 2248: Design Integration Laboratory		General Education Elective t	o reach 56 cr. min.		
GE 1158: Employment Strategies	3 2		Total GE	16	
GE 1130. Employment Strategies		Undergraduate Catalog and	GE Objectives by <u>Catalog Year</u>	. 10	
ENGL 1101: Writing and Rhetoric I (counted in Ge	n Obi. 1)	http://coursecat.isu.edu/underg			
		MAP Credit Summary			
		Major		50	
		General Education		16	
		Upper Division Free Electives to reach 36 credits			
		Free Electives to reach 12	20 credits	0	
			TOTAL	66	
			Confirmed		
			Minimum 36 cr. General Education Objectives (15 cr. AAS)		
		Minimum 15 cr. Upper Divis	Minimum 15 cr. Upper Division in Major (0 cr. Associate)		
		Minimum 36 cr. Upper Division Overall (0 cr. Associate)		Х	
		Minimum of 120 cr. Total (60 cr. Associate)		Х	
Advising Notes		MAP Completion Status (for internal use only)			
			Date		
			LULY 0.5 (4.5 /0.5 =		
		CAA or COT:	HW 06/13/2025		
		Complete College Americ			
		Math and English course in first year-Specific GE MATH course identi			
		9 credits in the Major area in first year			
		_			
		15 credits each semester Milestone courses			