

## **Catalog Year 2023-2024**

ATC, 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	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			
CADD 1101: Drafting Technology Theory I (early 8 weeks)	2	C-		F		CADD 1108, CADD 1109
CADD 1108: Introduction to CAD		C-		F		CADD 1101
CADD 1109: Drafting Applied Algebra (early 8 weeks)	2	C-		F	Appropriate Placement Score	In lieu of appropriate placement score: TGE 0100, MATH 0025, or equivalent
CADD 1111: Drafting Technology Theory II (late 8 weeks)		C-		F	CADD 1101	CADD 1108
CADD 1119: Drafting Applied Descriptive Geometry (late 8 weeks)	2	C-		F	CADD 1109 OR CADD 2209	
Total	15					
Semester Two				•		
GE Objective 2: COMM 1101 Fundamentals of Oral Comm	3	C-	GE			
CADD: 1121: Mechanical Drafting Technology Theory I (early 8 weeks)	2	C-		S	CADD 1111,	CADD 1122, CADD 1129
CADD: 1122: Mechanical Drafting Technology Lab I (early 8 weeks)	3	C-		S	CADD 1108	CADD 1121
CADD 1129: Drafting Applied Analytic Geometry (early 8 weeks)	2	C-		S	CADD 1119	
CADD 1137: Mechanical Drafting Technology Theory II (late 8 weeks)	2	C-		S	CADD 1121,	CADD 1138, CADD 1139
CADD 1138: Mechanical Drafting Technology Lab II (late 8 weeks)	3	C-		S	CADD 1122	CADD 1137
CADD 1139: Drafting Applied Trigonometry (late 8 weeks)	2	C-		S	CADD 1129	
Total	17					
Semester Three				•		
CADD 2207: Architectural Design Theory (early 8 weeks)	2	C-		F		CADD 0208, CADD 0209
CADD 2208: Architectural Design Lab I (early 8 weeks)	3	C-		F		CADD 0207
CADD 2209: Estimation Concepts (early 8 weeks)	2	C-		F		
CADD 2217: Architectural Theory II (late 8 weeks)	2	C-		F	CADD 0207	CADD 0218
CADD 2218: Architectural Design Lab II (late 8 weeks)	3	C-		F	CADD 0208	CADD 0217
Total	12					
Semester Four						
TGE 1158: Employment Strategies	2	C-		D		
CADD 2227: Structural Steel Drafting Theory (early 8 weeks)	2	C-		S	CADD 2217	CADD 2228
CADD 2228: Structural Steel Drafting Lab (early 8 weeks)	3	C-		S	CADD 2218	CADD 2227
CADD 2247: Design Integration Theory (late 8 weeks)	2	C-		S	CADD 2227	CADD 2248
		C-		S		CADD 2247

<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.)

ADTC, Computer Aided Design Drafting	Page 2				
2023-2024 Major Requirements		GENERAL EDUCATION OB		6 cr.	
<u> </u>	CR	Satisfy Objectives 1,2,3,,5		min	
MAJOR REQUIREMENTS	50	1. Written English (3 cr. min	) ENGL 1101	3	
CADD 1101: Drafting Technology Theory I	2				
CADD 1108: Introduction to CAD	4	2. Spoken English (3 cr. min	) COMM 1101	3	
CADD 1109: Drafting Applied Algebra	2	3. Mathematics			
CADD 1111: Drafting Technology Theory II	2	4. Humanities, Fine Arts, For	eign 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 Scient	nce		
CADD 2207: Architectural Design Theory I	2				
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	8. Information Literacy			
CADD 2227: Structural Steel Drafting Theory CADD 2228: Structural Steel Drafting Laboratory	2	9. Cultural Diversity			
CADD 2228: Structural Steel Drafting Laboratory  CADD 2247: Design Integration Theory	3	General Education Elective to	o roach 36 or min	ecessary)	
CADD 2247. Design Integration Theory  CADD 2248: Design Integration Laboratory	3	General Education Elective to	o reach so cr. illin. (ii no	ecessary)	
TGE 1158: Employment Strategies	2		Total GE		
TOE 1130. Employment strategies		Undergraduate Catalog and	GE Objectives by Catalog Year		
		http://coursecat.isu.edu/underg			
ENGL 1101: Writing & Rhetoric I (Counted in G	E OBJ 1)				
COMM 1101: Principles of Speech (Counted in GE	OBJ 2)				
		MAP Credit Summary			
		Major			
		General Education			
		Upper Division Free Electives to reach 36 credits			
		Free Electives to reach 120 credits			
		Free Electives to reach 12	0 credits	0	
		Free Electives to reach 12	0 credits TOTAL		
		Free Electives to reach 12		0	
		Free Electives to reach 12		0	
		Free Electives to reach 12		0	
		Free Electives to reach 12		0	
			TOTAL	0 56	
		Graduation Requirement	TOTAL  Minimum Credit Checklist	0 56	
		Graduation Requirement Minimum 36 cr. General Edu	Minimum Credit Checklist cation Objectives (15 cr. AAS)	56	
		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate)	0 56	
		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi Minimum 36 cr. Upper Divisi	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate) on Overall (0 cr. Associate)	56	
		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate) on Overall (0 cr. Associate)	0 56	
Advising Natos		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi Minimum 36 cr. Upper Divisi Minimum of 120 cr. Total (60	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate) on Overall (0 cr. Associate) 0 cr. Associate)	0 56	
Advising Notes		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi Minimum 36 cr. Upper Divisi	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate) on Overall (0 cr. Associate) o cr. Associate) for internal use only)	56	
Advising Notes		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi Minimum 36 cr. Upper Divisi Minimum of 120 cr. Total (60	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate) on Overall (0 cr. Associate) 0 cr. Associate)	56	
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Advising Notes		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi Minimum 36 cr. Upper Divisi Minimum of 120 cr. Total (60	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate) on Overall (0 cr. Associate) o cr. Associate) for internal use only) Date  MLH 07/14/2023	0 56	
Advising Notes		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi Minimum 36 cr. Upper Divisi Minimum of 120 cr. Total (60  MAP Completion Status (  CAA or COT:  Complete College America	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate) on Overall (0 cr. Associate) o cr. Associate) for internal use only) Date  MLH 07/14/2023	0 56	
Advising Notes		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi Minimum 36 cr. Upper Divisi Minimum of 120 cr. Total (60  MAP Completion Status (  CAA or COT:  Complete College America	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate) on Overall (0 cr. Associate) ocr. Associate) for internal use only) Date  MLH 07/14/2023  an Momentum Year n first year-Specific GE MATH course	0 56	
Advising Notes		Graduation Requirement Minimum 36 cr. General Edu Minimum 15 cr. Upper Divisi Minimum 36 cr. Upper Divisi Minimum of 120 cr. Total (60  MAP Completion Status (  CAA or COT:  Complete College Americ Math and English course i	Minimum Credit Checklist cation Objectives (15 cr. AAS) on in Major (0 cr. Associate) on Overall (0 cr. Associate) or. Associate) for internal use only) Date  MLH 07/14/2023  an Momentum Year n first year-Specific GE MATH course a in first year	0 56	

Form Revised 9.10.2019