Idaho State University

Catalog Year 2021-2022
ITC, Computer Aided Design Drafting – Mechanical Certificate

(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 and Rhetoric I	3	C-	GE			
CADD 0101: Drafting Technology Theory I (early 8 weeks)	2	D-		F		CADD 0108, CADD 0109
CADD 0108: Introduction to CAD	4	D-		F		CADD 0101
CADD 0109: Drafting Applied Algebra (early 8 weeks)	2	D-		F	Appropriate Placement Score	In lieu of appropriate placement score: TGE 0100, MATH 0025, or equivalent
CADD 0111: Drafting Technology Theory II (late 8 weeks)	2	D-		F	CADD 0101	CADD 0108, CADD 0119
CADD 0119: Drafting Applied Descriptive Geometry (late 8 weeks)	2	D-		F	CADD 0109	
Total	15					
Semester Two						
GE Objective 2: COMM 1101 Principles of Speech	3	C-	GE			
CADD: 0121: Mechanical Drafting Technology Theory I (early 8 weeks)	2	D-		S	CADD 0111	CADD 0122, CADD 0129
CADD: 0122: Mechanical Drafting Technology Lab I (early 8 weeks)	3	D-		S	CADD 0108	CADD 0121
CADD 0129: Drafting Applied Analytic Geometry (early 8 weeks)	2	D-		S	CADD 0119	
CADD 0137: Mechanical Drafting Technology Theory II (late 8 weeks)	2	D-		S	CADD 0121	CADD 0138, CADD 0139
CADD 0138: Mechanical Drafting Technology Lab II (late 8 weeks)	3	D-		S	CADD 0122	CADD 0137
CADD 0139: Drafting Applied Trigonometry (late 8 weeks)	2	D-		S	CADD 0129	
Total	17					
Semester Three						
Total						
Semester Four						
Total						

*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.)

2021-2022 Major Requirements	CR
MAJOR REQUIREMENTS	**26**
CADD 0101: Drafting Technology Theory I	2
CADD 0108: Introduction to CAD	4
CADD 0109: Drafting Applied Algebra	2
CADD 0111: Drafting Technology Theory II	2
CADD 0119: Drafting Applied Descriptive Geometry	2
CADD 0121: Mechanical Drafting Technology Theory I	2
CADD 0122: Mechanical Drafting Technology Lab I	3
CADD 0129: Drafting Applied Analytic Geometry	2
CADD 0137: Mechanical Drafting Technology Theory II	2
CADD 0138: Mechanical Drafting Technology Laboratory II	3
CADD 0139: Drafting Applied Trigonometry	2
ENGL 1101: Writing & Rhetoric I (Counted in GE OBJ 1)	
COMM 1101: Principles of Speech (Counted in GE OBJ 2)	

GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,,5,6	**6 cr. min**
1. Written English (3 cr. min) ENGL 1101	3
2. Spoken English (3 cr. min) COMM 1101	3
3. Mathematics	
4. Humanities, Fine Arts, Foreign Lang.	
5. Natural Sciences	
6. Behavioral and Social Science	
One Course from EITHER Objective 7 OR 8	
7. Critical Thinking	
8. Information Literacy	
9. Cultural Diversity	
General Education Elective to reach 36 cr. min. **(if necessary)**	
Total GE	**6**

Undergraduate Catalog and GE Objectives by Catalog Year
http://coursecat.isu.edu/undergraduate/programs/

MAP Credit Summary	**CR**
Major	26
General Education	6
Upper Division Free Electives to reach 36 credits	0
Free Electives to reach 120 credits	0
TOTAL	32

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:	MLH 09/2021

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

Form Revised 9.10.2019