



MONTANA STATE UNIVERSITY BILLINGS
DRAFTING AND DESIGN TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE

ADVISING WORKSHEET 2013-2014

City College
 Jacket Student Central
 Phone: 406-247-3019
 Fax: 406-247-3095

Name _____
 Student ID # _____

Before a student can be accepted into the Drafting and Design Technology program, competency in math must be demonstrated. This may be done by:

- Receiving a passing score on the Compass Placement Test that indicates adequate preparation to enroll in M 090 or above
- Transfer of appropriate credits
- Current ACT/SAT scores in the required range showing readiness to take M 090 or above

If none of the above criteria are met, a student must complete the necessary prerequisite math class identified in this catalog.

The required courses for the Architectural program begin in the spring semester and for the Civil program begin in the fall semester.

Course	Credits	Grade	Semester	Equivalent
Recommended Preparatory Courses				

Required Preparatory Courses				

General Education Requirements

CAPP	120	Introduction to Computers	3			
COMX	106	Communicating in a Dynamic Workplace	3			
M	114	Extended Technical Mathematics	3			
WRIT or WRIT	122 121	Intro to Business Writing Intro to Technical Communication	3			

Required Courses

CSTN	148	Blueprint Codes and Estimating	2			
DDSN	110	Technical Drawing Lecture	4			
DDSN	111	Technical Drawing Lab	3			
DDSN	116	3D CAD	3			
DDSN	135	Solidworks	3			
DDSN	145	Structural Drafting	3			
DDSN	160	Architectural Lecture	2			
DDSN	161	Architectural Lab	5			
DDSN	186	CAD 2	3			

DDSN	240	Civil Lecture	2			
DDSN	241	Civil Lab	5			
DDSN	244	GIS Mapping	2			
DDSN	256	SDS/2 Structural Detailing	3			
DDSN	294	Project Development Lecture	3			
DDSN	295	Project Development Lab	3			
DDSN	299	Capstone: Project Development	1			
MART	208	Multimedia Technology	3			
MART	260	Computer Presentation & Animation	3			

Optional, but recommended:

CMP	135	Introduction of Web Design	3			
DDSN	114	Introduction to CAD	3			
ITS	161	MS Windows 7 Configurations	3			

Electives

TOTAL MINIMUM CREDITS REQUIRED

65

A grade of "C" or higher is mandatory in all required courses.

Suggested Plan of Study

First Semester	Credits	Second Semester	Credits
CAPP 120	3	DDSN 160	2
M 114	3	CSTN 148	2
DDSN 110	4	DDSN 161	5
DDSN 111	3	MART 208	3
DDSN 116	3	WRIT 122/121	3
TOTAL	16	TOTAL	15

Third Semester	Credits	Fourth Semester	Credits
COMX 106	3	DDSN 256	3
DDSN 240	2	DDSN 295A	3
DDSN 145	3	DDSN 294A	3
DDSN 241	5	DDSN 135	3
DDSN 244	2	DDSN 299	1
DDSN 186	3	MART 260	3
TOTAL	18	TOTAL	16

Transcript evaluation (if applicable completed) by: _____ on ___/___/___

Developing a Plan of Study

To facilitate course planning and scheduling, students should be aware that not all courses are offered every semester. Some courses require pre-requisites and preparatory courses to be successfully completed or co-requisites be taken simultaneously.

Selected Courses and Prerequisites

Key: F= Fall; S=Spring; X=Summer; # = online

Drafting and Design Technology Associate of Applied Science Program Requirements:

Course	Required Pre-requisite	Recommended Pre-requisite	Required Co-Requisite	Recommended Co-requisite	Term Offered
CAPP 120					F, F#, S, S#, X, X#
COMT 109					F, F#, S, S#, X, X#
DDSN 110					F,S
DDSN 111					F,S
DDSN 116	DDSN 110, CAPP 120				F,S
DDSN 135	DDSN 114 or DDSN 110 and DDSN 111				F,S
DDSN 145	DDSN 110 and CAPP 120				S
DDSN 160	DDSN 110 or DDSN 111				F
DDSN 161	DDSN 110 or DDSN 111				F
DDSN 186	DDSN 110 or DDSN 111				F
DDSN 240	DDSN 110 or DDSN 111				S
DDSN 241	DDSN 110 or DDSN 111				S
DDSN 244	DDSN 110 or DDSN 111, and M114				
DDSN 256	DDSN 145				F,S
DDSN 294A	All 100 level DDSN courses		DDSN 295A, DDSN 299		F,S
DDSN 295A	All 100 level DDSN courses, DDSN 294A, DDSN 299		DDSN 295A, DDSN 299		
DDSN 299	All 100 level DDSN courses		DDSN 295A, DDSN 294A		F,S
M 114	M 095, M 111 or appropriate placement	M111			F, F#, S, S#, X, X#
WRIT 121/122	WRIT 095, WRIT 104, or appropriate	WRIT 104			WRIT 121 F, S, S#

	placement, CAPP 120				WRIT 122 F, F#, S, S#, X, X#
Optional: DDSN 108					F, S
Optional: DDSN 208	CAPP 120, course equivalent or consent of instructor				F, S

Program Specific Information

Students should know the following information:

- 1.) The Drafting and Design program offers a variety of degree options. Students wishing to get the most in depth knowledge in drafting and design should plan to take the Associate of Applied Science degree.
- 2.) This program has limited transfer potential to an Architecture or Engineering degree at a 4 year University. A student wishing to pursue that type of degree while beginning at the City College should choose the AS degree option since the General Education courses are more easily transferred.
- 3.) The Bachelor of Applied Science (BAS) degree is available to students with an Associate of Applied Science (AAS) degree. Students may enroll on the main campus of MSU Billings and take upper division credits in existing areas of study which will complement the student's AAS credits already earned. The transferability of the AAS courses will be determined course by course. Students anticipating transferring are encouraged to consult with their advisor.
- 4.) DDSN 108 and DDSN 208 are potential electives for the Drafting and Design students. Pre-Drafting students not registered in DDSN 109 and 110 their first semester could take DDSN 108 to get better a base in AutoCad. A student that is signed up in DDSN 109 and 110, it is not recommended or necessary to take DDSN 108.
- 5.) The second and third semesters of the AAS alternate which means that your second semester could look different depending on when you start your coursework.



City College

2013-2014 Drafting and Design AAS Plan of Study

for _____

Date: _____

Fall Start

Semester (fall _____)

Semester (spring _____)

Course	Credits	Course	Credits
CAPP 120	3	DDSN 240	2
DDSN 110	4	DDSN 145	3
DDSN 111	3	DDSN 241	5
DDSN 116	3	DDSN 244	2
Gen Ed:	3	DDSN 186	3
		Gen Ed:	3

Semester (fall _____)

Semester (spring _____)

Course	Credits	Course	Credits
DDSN 160	2	DDSN 256	3
DDSN 161	5	DDSN 295A	3
CSTN 148	2	DDSN 294A	3
MART 208	3	DDSN 135	3
Gen Ed:	3	DDSN 299	1
		MART 260	3
Total		Total	

Spring Start

Semester (spring _____)

Semester (fall _____)

Course	Credits	Course	Credits
CAPP 120	3	DDSN 160	2
DDSN 110	4	DDSN 161	5
DDSN 111	3	CSTN 148	2
DDSN 116	3	MART 208	3
Gen Ed:	3	Gen Ed:	3
Total		Total	

Semester (spring _____)

Semester (fall _____)

Course	Credits	Course	Credits
DDSN 240	2	DDSN 256	3
DDSN 145	3	DDSN 295A	3
DDSN 241	5	DDSN 294A	3
DDSN 244	2	DDSN 135	3
DDSN 186	3	DDSN 299	1
Gen Ed:	3	MART 260	3
Total		Total	

Number of earned credits that apply toward degree: _____

Number of credits left to earn for degree: _____

CERTIFICATION: The courses listed are **required** for the student's degree.

Advisor's Signature: _____

Date: _____

Student's Signature: _____

Date: _____