



MONTANA STATE UNIVERSITY BILLINGS

PROCESS PLANT TECHNOLOGY ASSOCIATE OF APPLIED SCIENCE

ADVISING WORKSHEET 2014-2015

City College
Advising Center
Phone: 406-247-3019
Fax: 406-247-3095

Name _____

Student ID # _____

This program begins in the spring semester

Before a student can start into the Process Plant Technology Program, competency in math and writing 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 114 and WRIT 121 or WRIT 122
- Current ACT/SAT scores in the required range showing readiness to take M 114 and WRIT 121 or WRIT 122
- Current MUS Writing score in the required range showing readiness to take WRIT 122 or WRIT 121
- Transfer of appropriate college credits

If none of the above criteria are met, a student must complete the necessary prerequisite math and writing classes identified in the catalog (M 111 and WRIT 104).

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			
WRIT	121 or 122	Intro to Technical Writing Intro to Business Writing	3			
M	114	Extended Technical Mathematics	3			
Required Courses						
BGEN	105	Introduction to Business	3			
COMX	111	Introduction to Public Speaking	3			
PPT	101	Fundamentals of Processing Technology Lecture	4			
PPT	102	Fundamentals of Processing Technology Laboratory	1			
PPT	120	Environmental Awareness	2			
PPT	130	Progress Diagrams for Process Technology	2			
PPT	135	Instrumentation and Control Systems Lecture	4			
PPT	136	Instrumentation and Control Systems Laboratory	1			

PPT	151	Process Plant Safety I	2			
PPT	161	Process Plant Safety II	2			
PPT	175	Process Plant Sciences Lecture	4			
PPT	176	Process Plant Sciences Laboratory	1			
PPT	207	Boilers, Accessories, and Basic Operations	3			
PPT	208	Equipment and Operations Laboratory	2			
PPT	210	Equipment and Operations Lecture	4			
PPT	211	Advanced Operations Lecture	2			
PPT	212	Advanced Operations Laboratory	1			
PPT	220	Quality Control Practices	2			
PPT	225	Plant Investigation and Troubleshooting	2			
PPT	296	Cooperative Education/Internship	3			
TRID	160	Hazardous Materials Technician General Training	3			
TRID	185	Introduction to Industrial Power Systems	2			
TRID	186	Introduction to Industrial Power Systems Laboratory	1			

Restricted Electives chosen in consultation with an academic advisor – 3 credits required

PWRP	210	Turbines, Accessories, and Basic Operations	3			
BIOB	101	Discover Biology	3			
SOCI	101	Introduction to Sociology	3			
TRID	151	Welding	2			
CAPP	156	MS Excel	3			
CAPP	110	Short Courses: MS Outlook	1			

TOTAL MINIMUM CREDITS REQUIRED 69

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

Suggested Plan of Study

First Semester		Second Semester		Third Semester		Fourth Semester	
CAPP 120	3	COMX 111	3	BGEN 105	3	WRIT 121/122	3
M 114	3	PPT 120	2	COMX 106	3	PPT 211	2
PPT 101	4	PPT 135	4	PPT 207	3	PPT 212	1
PPT 102	1	PPT 136	1	PPT 208	2	PPT 220	2
PPT 130	2	PPT 161	2	PPT 210	4	PPT 225	2
PPT 151	2	PPT 175	4	TRID 160	3	PPT 296	3
TRID 185	2	PPT 176	1	TOTAL	18	Restricted Elective(s)	3
TRID 186	1	TOTAL	17			TOTAL	16
TOTAL	18						

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.

Process Plant Technology Associate of Applied Science Degree Requirements:

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

Course	Required Pre-requisite	Recommended Pre-requisite	Required Co-requisite	Recommended Co-requisite	Term Offered
CAPP 120					F, S, X # F, S, X
COMX 106					F, S, X # F, S, X
COMX 111					F, S, X # F, S
BGEN 105					F, S, X # F, S, X
M 114	M 095, M111, or appropriate math placement score	M 111			F, S, X # F, S
PPT 101					S
PPT 102			PPT 101		S
PPT 120					F
PPT 130					S
PPT 135	PPT 101, PPT 130, and TRID 185				F
PPT 136			PPT 135		F
PPT 151					S
PPT 161	PPT 151				F
PPT 175	PPT 101				F
PPT 176			PPT 175		F
PPT 207					S
PPT 208			PPT 210		S
PPT 210	PPT 175				S
PPT 211	PPT 210				F
PPT 212			PPT 211		F
PPT 220	PPT 210 and CTBU 171				F
PPT 225	PPT 210				F
PPT 296					F, S, X
TRID 160					S
TRID 185					S
TRID 186			TRID 185		S
WRIT 121 or WRIT 122	WRIT 104 , WRIT 095, or appropriate placement score	WRIT 104			WRIT 122 F, S, X # F, S, X WRIT 121 S # S
Restricted Elective(s) PWRP 210 BIOB 101 SOCI 101 TRID 151 CAPP 156 CAPP 110					F, S, X BIOB 101, SOCI 101, CAPP 156, and CAPP 110 also offered #

Program Specific Information

Students should know the following information:

- Before a student can take part in the technical courses of the Process Plant program (required PPT and TRID courses), they must be at least ready for college level math and writing.
- If a student is at the preparatory level for math or writing, the initial focus is on the needed M 111, WRIT 104, or other preparatory courses to prepare for college level math and writing. General Education courses such as CAPP 120, COMX 106, WRIT 121 or WRIT 122, M 114, COMX 111, BGEN 105, and all Restricted Electives but PWRP 210, can be completed in advance of the technical courses.
- The technical portion of the program is a spring semester start only.
- Technical courses are very specific and sequential in order and semesters in which they are offered. Please refer to the plan of study outlined below as to the order and progression of the technical courses.
- Students that earn an AAS degree and want to further their education thus career; are able to go on for a Bachelor of Applied Science degree through MSUB. There are various thematic concentrations that a student can focus on to earn a BAS degree, one of which is Business.



2014-2015 Process Plant AAS Plan of Study

Name: _____

Date: _____

City College AAS Process Plant Technology

Semester _____

Semester _____

Course	Credits	Course	Credits
Total		Total	

Semester Spring _____

Semester Fall _____

Course	Credits	Course	Credits
PPT 101	4	PPT 120	2
PPT 102	1	PPT 135	4
PPT 130	2	PPT 136	1
PPT 151	2	PPT 161	2
TRID 185	2	PPT 175	4
TRID 186	1	PPT 176	1
+ CAPP 120	3	+ COMX 111	3
+ M 114	3		
Total		Total	

Semester Spring _____

Semester Fall _____

Course	Credits	Course	Credits
PPT 207	3	PPT 211	2
PPT 208	2	PPT 212	1
PPT 210	4	PPT 220	2
TRID 160	3	PPT 225	2
+ BGEN 105	3	PPT 296	3
+ COMX 106	3	+ WRIT 121 or WRIT 122	3
		+ Restricted Elective(s)	3
Total		Total	

+ Courses that can be taken in advance

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: _____