



MONTANA STATE UNIVERSITY-BILLINGS

PROCESS PLANT TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE

ADVISING WORKSHEET GENERAL BULLETIN 2007-2008

College of Technology
Advising Center
Phone: 406-247-3018/3020
Fax: 406-652-1729

Name _____

Student ID # _____

This program begins in the spring semester.

Before a student can be accepted into the Process Plant Technology Program, competency in math and English must be demonstrated. This may be done by:

- Receiving a passing score on the Compass Placement Test that indicates adequate preparation to enroll in ENGL 140 and MATH 122
- Transfer of appropriate credits
- Current ACT/SAT scores in the required range showing readiness to take ENGL 140 and MATH 122

If none of the above criteria are met, a student must complete the necessary prerequisite English and math classes identified in this catalog (ENGL 102 and MATH 085, MATH 101, or MATH 105).

| Course | Credits | Grade | Semester | Equivalent |
|----------------------------|---------|-------|----------|------------|
| Preparatory Courses | | | | |
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General Education Requirements

| | | | | | | |
|------|------------|--|---|--|--|--|
| CMP | 105 | Introduction to Computers and Applications | 3 | | | |
| COMT | 109 | Human Relations | 3 | | | |
| ENGL | 140 or 145 | Business Communications or Technical Writing | 3 | | | |
| MATH | 122 | College Mathematics for Technology | 3 | | | |

Required Courses

| | | | | | | |
|-------|-----|--|---|--|--|--|
| CO MT | 130 | Introduction to Public Speaking | 3 | | | |
| CTBU | 171 | Introduction to Business | 3 | | | |
| PPT | 101 | Fundamentals of Processing Technology | 5 | | | |
| PPT | 120 | Environmental Awareness | 2 | | | |
| PPT | 130 | Progress Diagrams for Process Technology | 2 | | | |
| PPT | 135 | Instrumentation and Control Systems | 5 | | | |

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|------|-----|---|---|--|--|--|
| PPT | 151 | Process Plant Safety I | 2 | | | |
| PPT | 161 | Process Plant Safety II | 2 | | | |
| PPT | 175 | Process Plan Sciences | 5 | | | |
| PPT | 207 | Boilers, Accessories, and Basic Operations | 3 | | | |
| PPT | 210 | Equipment and Operations | 6 | | | |
| PPT | 211 | Advanced Operations | 3 | | | |
| 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 | 3 | | | |

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

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|------|-----|---|---|--|--|--|
| PWRP | 210 | Turbines, Accessories, and Basic Operations | 3 | | | |
| BIOL | 101 | Survey of Biology | 3 | | | |
| SOCL | 101 | Introduction to Sociology | 3 | | | |
| TRID | 151 | Welding | 3 | | | |
| CMP | 119 | Excel | 3 | | | |
| CMP | 121 | Introduction to Microsoft Outlook | 3 | | | |

TOTAL MINIMUM CREDITS REQUIRED 69

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

Suggested Plan of Study

| First Semester | Credits | Second Semester | Credits |
|-----------------------|----------------|------------------------|----------------|
| CMP 105 | 3 | COMT 130 | 3 |
| MATH 122 | 3 | PPT 120 | 2 |
| PPT 101 | 5 | PPT 135 | 5 |
| PPT 130 | 2 | PPT 161 | 2 |
| PPT 151 | 2 | PPT 175 | 5 |
| TRID 185 | 3 | TOTAL | 17 |
| TOTAL | 18 | | |

| Third Semester | Credits | Fourth Semester | Credits |
|-----------------------|----------------|------------------------|----------------|
| CTBU 171 | 3 | ENGL 140/145 | 3 |
| COMT 109 | 3 | PPT 211 | 5 |
| PPT 207 | 3 | PPT 220 | 2 |
| PPT 210 | 4 | PPT 225 | 2 |
| TRID 160 | 3 | PPT 296 | 3 |
| TOTAL | 16 | Restricted Electives | 3 |
| | | TOTAL | 18 |