



MONTANA STATE UNIVERSITY-BILLINGS

**DIESEL TECHNOLOGY  
CERTIFICATE 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 fall semester.**

| Course                     | Credits | Grade | Semester | Equivalent |
|----------------------------|---------|-------|----------|------------|
| <b>Preparatory Courses</b> |         |       |          |            |
|                            |         |       |          |            |
|                            |         |       |          |            |

| <b>General Education Requirements</b> |     |  |   |  |
|---------------------------------------|-----|--|---|--|
| ENGL                                  | 102 | English Essentials for Technical Writers | 3 |  |
| MATH                                  | 101 | Introductory Algebra                     | 3 |  |

| <b>Required Courses</b> |     |                                     |   |  |
|-------------------------|-----|-------------------------------------|---|--|
| DIES                    | 113 | Introduction to Hydraulics          | 2 |  |
| DIES                    | 114 | Introduction to Hydraulics Lab      | 2 |  |
| DIES                    | 117 | Introduction to Diesel Fuel Systems | 4 |  |
| DIES                    | 132 | Diesel Engine Overhaul              | 6 |  |
| DIES                    | 155 | Advanced Hydraulics and Pneumatics  | 4 |  |
| TRID                    | 150 | Environmental and Shop Practices    | 2 |  |
| TRID                    | 170 | Engine Theory                       | 4 |  |
| TRID                    | 180 | Electrical Systems                  | 4 |  |

**TOTAL MINIMUM CREDITS REQUIRED 34**

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

**Suggested Plan of Study**

| First Semester | Credits   | Second Semester | Credits   |
|----------------|-----------|-----------------|-----------|
| DIES 113       | 2         | DIES 117        | 4         |
| DIES 114       | 2         | DIES 132        | 6         |
| TRID 150       | 2         | DIES 155        | 4         |
| TRID 170       | 4         | MATH 101        | 3         |
| TRID 180       | 4         | <b>TOTAL</b>    | <b>17</b> |
| ENGL 102       | 3         |                 |           |
| <b>TOTAL</b>   | <b>17</b> |                 |           |