

# DIESEL TECHNOLOGY A.A.S.

**Jim Headlee, Director**

The mission of the Diesel Technology Program is to provide the regional workforce with credentialed, skilled and competent diesel technicians and to be responsive to emerging workforce needs.

Students in the Diesel Technology program train to be diesel mechanics that repair diesel-powered trucks and heavy equipment. Students study hydraulics, electrical systems, fuel systems, power trains, air conditioning, brakes and suspension, engine theory, and engine diagnosis, beginning with basic principles and proceeding to an advanced level of system technology. Along with these core courses, students take classes in welding, machining, computers, communications, and math. Credit for independent study is available to those desiring additional instruction in diesel mechanics. Students who complete the program successfully are awarded the Associate of Applied Science degree.

The program often has a waiting list. Prospective students are encouraged to apply one year prior to anticipated school attendance. Contact the Jim Headlee, Program Director, at 406-243-7648 or Jim.Headlee@umontana.edu for more information.

## Associate of Applied Science - Diesel Technology

### Missoula College

**Degree Specific Credits:** 63

**Required Cumulative GPA:** 2.0

**Catalog Year:** 2018-2019

### Summary

| Code             | Title | Hours |
|------------------|-------|-------|
| Required Courses |       | 63    |
| Total Hours      |       | 63    |

### Required Courses

| Code  | Title                          | Hours |
|---|--------------------------------|-------|
| <b>Complete all of the following courses:</b> |                                |       |
| CAPP 120                                      | Introduction to Computers      | 3     |
| COMX 102                                      | Interprsnl Skills in Workplace | 1     |
| DST 120                                       | Electrical Systems             | 8     |
| DST 128                                       | Engine Service I               | 4     |
| DST 135                                       | Power Trains                   | 7     |
| DST 221                                       | Brakes Suspns and Undercarr    | 6     |
| DST 225                                       | Hydraulics                     | 6     |
| DST 229                                       | Engine Service II              | 7     |
| DST 230                                       | Air Conditioning               | 3     |
| DST 231                                       | Fuel Systems                   | 5     |
| DST 235                                       | Advanced Power Trains          | 2     |
| M 111   | Technical Mathematics          | 3     |
| MCH 115                                       | Related Metals Processes III   | 3     |

|             |                               |    |
|-------------|-------------------------------|----|
| WLDG 101    | Welding Fund Auto Tech/Diesel | 2  |
| WRIT 121    | Intro to Technical Writing    | 3  |
| Total Hours |                               | 63 |

Minimum Required Grade: C-