

Diesel Power Technology

Contact Info.

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About our program

This is an accelerated program and requires the students to be up to speed on basic mechanical skills. If there is a lack of mechanical background, we strongly suggest the 2-year AAS degree path. This allows the student to learn basic mechanical skills along with gaining a sound academic background before moving into the full-time diesel program.

This career path cannot be a classroom experience only. That is why the Casper College Diesel Power Program is structured in the following manner:

- 40% of the time is classroom oriented
- 60% is lab time or hands-on training

This type of training structure will allow the student to pursue any of the following areas:

- Technician, Sales, Parts, Management, Owner/operator, and family equipment repair (farm or ranch equipment repair).
- To be successful in this area, the individual needs to be highly motivated. This career path can be highly rewarding and will pay very well. The need for skilled people in this area is growing at a rapid rate.

THIS IS WORKFORCE DEVELOPMENT FOR WYOMING

Points of Pride

- Low student/instructor ratio
- 40% classroom – 60% lab time
- Late model diesel equipment
- Engine Test Cell
- Tandem Axle Chassis Dyno
- Excellent student employment opportunities during class and after graduation
- Extensive industry support
- Natural Gas Engine Technology option



Curriculum: Diesel Power Technology

Major Requirements:

- Heavy Duty Electrical Systems
- Power Train, Braking and Steering
- Engine Rebuilding I
- Engine Rebuilding II
- Fuel Systems and Diesel I
- Fuel Systems and Diesel II
- Basic Hydraulics
- Independent Study Coop Work Experience Diesel
- Welding or Machine Tool Elective
- Natural Gas Engine Technology-option