

DIESEL POWER TECHNOLOGY

Faculty

Morris, Roberts

Associate of Applied Science Degree Diesel Power Technology

(Recommended Curriculum)

	Credits
General Education (Minimum 17 credits)	
General education coursework can be completed from within or outside of the major field of study.	
1. Exploration and Participation (One course minimum)	
Science	
Mathematics	
2. Communication (One course minimum)	
Written or spoken communication	
3. Relationship with the World (One course minimum)	
Human behavior	
U.S. and Wyoming constitutions	1-3
Cultural environment	
4. General Education Electives	
Must be chosen from areas 1, 2, or 3 above.	
5. Physical Education	1

Major Requirements

DESL 1540 Heavy Duty Electrical Systems	3
DESL 1580 Power Train, Braking and Steering	3
DESL 1610 Engine Rebuilding I	9
DESL 1620 Engine Rebuilding II	9
DESL 1650 Fuel Systems and Diesel I	5
DESL 1660 Fuel Systems and Diesel II	3
DESL 1850 Basic Hydraulics	3
DESL 1980 Coop Work Experience Diesel	8
Diesel, welding or machine tool elective	4

Natural Gas Option:

*DESL 1680 Natural Gas Engine Technology 10.5
Complete all degree requirements above with the exception of DESL 1620. Diesel 1680 will be taken in its place.
*Permission of instructor required.

A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

Diesel Power Technology Certificate

Diesel power technology consists of two semesters. Four days each week will be lecture and laboratory classes in diesel related courses. One day per week is set aside for on-the-job training and/or laboratory work. Satisfactory completion of those two semesters will earn the student a certificate of completion in diesel power technology.

(Certificate Requirements)

Fall Semester

Credits

DESL 1540 Heavy Duty Electrical Systems	3
DESL 1610 Engine Rebuilding I	9
DESL 1650 Fuel Systems and Diesel I	5
DESL 1980 Coop Work Experience (Diesel).	4

Spring Semester

DESL 1580 Power Train, Braking and Steering	3
DESL 1620 Engine Rebuilding II	9
DESL 1660 Fuel Systems and Diesel II	3
DESL 1850 Basic Hydraulics	3
DESL 1980 Coop Work Experience (Diesel).	4

Natural Gas Option:

*DESL 1680 Natural Gas Engine Technology 10.5
Complete all degree requirements above with the exception of DESL 1620. Diesel 1680 will be taken in its place.

* Permission of instructor required.

Courses listed above may be run separately or concurrently. Separate course enrollment may not be available.

For specific graduation requirements see "Academic Policies" and "Degree Requirements."