

What can I do with an Associate of Applied Science Diesel Technology degree?

Students who complete the Diesel Technology program can expect careers as heavy duty truck technicians, agriculture equipment technicians, off highway mechanics, diesel mechanics, and mine mechanics. This program covers the servicing and repair of heavy-duty equipment and machines in preparation for becoming a successful Heavy Duty Mechanic.



Facts at a Glance:

- The average starting salary for a Diesel Mechanic is between \$27,000 and \$38,600 annually according to the website, <http://online.onetcenter.org/>.
- Students can prepare for certification in one or more of the different areas of diesel mechanics listed in the courses below.
- Placement rate has been around 100% for the past 33 years.
- Articulation agreements have been arranged with Utah Valley University, Utah State University and Weber State University for completion of a 4-year degree.

What types of classes will be covered in Diesel Technology program?

- Computer & Shop Skills
- Electrical Systems
- Diesel Engine Overhaul
- Fuel-Governor Systems
- Mechanical-Electronic control
- Computerized Diagnostics
- Emission Based Maintenance
- Fluid Power/Hydraulic Systems
- Chassis Systems
- Air Conditioning

Buster the Badger says, "Diesel engines power the world and bring food to the table."



Contact Information:

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Visit the Snow College website at <http://www.snow.edu>

Curriculum for Fall Entering Students:

CR:	First Semester:	
4	DMT 1110	Computer and Shop Skills*
4	DMT 1120	Electrical Systems & Lab
4	DMT 1130	Diesel Engine Overhaul & Lab
3	DMT 1715	Applied Technical Math**
1	DMT 1581	Skills USA
		<u>or</u>
<u>0.5</u>	DMT 1910	Professional Development I

15.5 -16 Total Credits

CR:	Second Semester:	
4	DMT 1210	Fuel-Governor Systems & Lab
4	DMT 1220	Mechanical-Electronic Controls & Lab
4	DMT 1230	Computerized Diagnostics & Lab
		<u>or</u>
6	DMT 1250	Emission Based Maintenance
1	DMT 1582	Skills USA
		<u>or</u>
0.5	DMT 1920	Professional Development II
3	BT 1010	Intro to Computers & Bus. Applications
		<u>Or</u>
<u>2</u>	CIS 1011	Computer Fundamentals

14.5 -18 Total Credits

CR:	Third Semester:	
2	DMT 1240	Air Conditioning Tech Theory & Lab
6	DMT 2310	Fluid Power Theory & Lab
6	DMT 2420	Powertrains Theory & Lab
0.5	DMT 2910	Professional Development III
<u>3</u>	ENGL 1410	English Mechanics**

17 - 17.5 Total Credits

CR:	Fourth Semester:	
6	DMT 2320	Advanced Fluid Power Transmission Theory & Lab
6	DMT 2410	Chassis Theory & Lab
0.5	DMT 2920	Professional Development IV
2	MTT 1350	Related Machine Shop Practice
<u>3</u>	WELD 1030	Related Oxyacetylene & Arc Welding

17 - 17.5 Total Credits

Electives:

0.5	DMT 1810	Comm. Driver License Writ. Exam Prep**
1	DMT 1820	Comm. Driver License Perf. Exam Prep**
0.5	DMT 1825	Comm. Driver License Skills Train. Lab**
1	DMT 1830	Comm. Driver License Certificate Prep**
1	DMT 1840	Comm. Driver License - Class B Written** and Performance Exams
1-6	DMT 1999	Cooperative Education
1-2	DMT 2800	Special Projects

**CDL course can be taken at either campus.
Contact Lon Wheelwright at (435) 283-7378.

Curriculum for Spring Entering Students:

CR:	First Semester:	
4	DMT 1110	Computer and Shop Skills*
4	DMT 1130	Diesel Engine Overhaul & Lab
1	DMT 1582	Skills USA
		<u>or</u>
0.5	DMT 1920	Professional Development II
3	DMT 1715	Applied Technical Math
2	MTT 1350	Related Machine Shop Practice
<u>3</u>	WELD 1030	Related Oxyacetylene & Arc Welding

16.5 -17 Total Credits

CR:	Second Semester:	
4	DMT 1120	Electrical Systems & Lab
2	DMT 1240	Air Conditioning Tech Theory & Lab
6	DMT 2310	Fluid Power Theory & Lab
6	DMT 2420	Powertrains Theory & Lab
1	DMT 1581	Skills USA
		<u>or</u>
<u>0.5</u>	DMT 1910	Professional Development I

18.5 -19 Total Credits

CR:	Third Semester:	
4	DMT 1210	Fuel-Governor Systems & Lab
4	DMT 1220	Mechanical-Electronic Controls & Lab
4	DMT 1230	Computerized Diagnostics & Lab
		<u>or</u>
6	DMT 1250	Emission Based Maintenance
0.5	DMT 2920	Professional Development IV
3	BT 1010	Intro to Computers & Bus. Applications
		<u>Or</u>
<u>2</u>	CIS 1011	Computer Fundamentals

14 -17.5 Total Credits

CR:	Fourth Semester:	
6	DMT 2320	Advanced Fluid Power Transmission Theory & Lab
6	DMT 2410	Chassis Theory & Lab
0.5	DMT 2910	Professional Development III
<u>3</u>	ENGL 1410	English Mechanics**

15 -15.5 Total Credits

Electives:

0.5	DMT 1810	Comm. Driver License Writ. Exam Prep**
1	DMT 1820	Comm. Driver License Perf. Exam Prep**
0.5	DMT 1825	Comm. Driver License Skills Train. Lab**
1	DMT 1830	Comm. Driver License Certificate Prep**
1	DMT 1840	Comm. Driver License - Class B Written** and Performance Exams
1-6	DMT 1999	Cooperative Education
1-2	DMT 2800	Special Projects

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Materials List:

Tools, coveralls and safety equipment will be an additional required purchase and will be the personal property of the student. A more detailed list will be provided during the first semester from the instructor.