

Diesel Mechanics Technology, A.A.S.

One-Year Certificate, a Diploma, the Associate in Applied Science Degree, and the Bachelor of Science in Technology Management Degree.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		63
General Education Requirements		10 Credits
MKTG 220G	Written Business Communication GI WE	3
Choose one of the following:		3
AUT 1260	Tech Math for Mechanics (3)	
MAT 1015	Intermediate Algebra with Integrated Review (5)	
Any higher MAT or MATH course		
Any approved Behavioral Science, Social, or Political Science Distribution Course		3
Any approved Physical Education, Health, Safety or Environment Course		1
Discipline Core Requirements		53 Credits
DMT 1005	Basic Shop and Safety Skills	2
DMT 1110	Diesel Engine Overhaul	4
DMT 111L	Diesel Engine Overhaul Lab	2
DMT 1120	Diesel Engine Operation Tune Up	4
DMT 112L	Diesel Engine Operation Tune up Lab	2
DMT 1510	Electrical Systems I	4
DMT 151L	Electrical Systems I Lab	2
DMT 1520	Electrical Systems II	2
DMT 152L	Electrical Systems Lab II	1
DMT 2230	Heating Ventilation Air Conditioning and Refrigeration Theory	2
DMT 223L	Heating Ventilation Air Conditioning and Refrigeration Lab	1
DMT 2310	Fluid Power I Theory	4
DMT 231L	Fluid Power I Lab	2
DMT 2320	Fluid Power II Theory	4
DMT 232L	Fluid Power II Lab	2
DMT 2410	Chassis Theory	4
DMT 241L	Chassis Lab	2
DMT 2420	Power Train Theory	4
DMT 242L	Power Train Lab	2
DMT 2530	Electronic Engine Management	2
DMT 253L	Electronic Engine Management Lab	1

Graduation Requirements

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours--minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year

Semester 1		Credit Hours
DMT 1005	Basic Shop and Safety Skills	2
DMT 1110	Diesel Engine Overhaul	4
DMT 111L	Diesel Engine Overhaul Lab	2
DMT 1120	Diesel Engine Operation Tune Up	4
DMT 112L	Diesel Engine Operation Tune up Lab	2
AUT 1260 or MAT 1015	Tech Math for Mechanics or Intermediate Algebra with Integrated Review	3
Credit Hours		17

Semester 2

DMT 1510	Electrical Systems I	4
DMT 151L	Electrical Systems I Lab	2
DMT 1520	Electrical Systems II	2
DMT 152L	Electrical Systems Lab II	1
MKTG 220G	Written Business Communication GI WE	3
Social Science		3
Credit Hours		15

Second Year**Semester 3**

DMT 2410	Chassis Theory	4
DMT 241L	Chassis Lab	2
DMT 2420	Power Train Theory	4
DMT 242L	Power Train Lab	2
Physical Education		1
Credit Hours		13

Semester 4

DMT 2230	Heating Ventilation Air Conditioning and Refrigeration Theory	2
DMT 223L	Heating Ventilation Air Conditioning and Refrigeration Lab	1
DMT 2310	Fluid Power I Theory	4
DMT 231L	Fluid Power I Lab	2
DMT 2320	Fluid Power II Theory	4
DMT 232L	Fluid Power II Lab	2
DMT 2530	Electronic Engine Management	2
DMT 253L	Electronic Engine Management Lab	1
Credit Hours		18

Total Credit Hours**63**

Program Learning Outcomes

1. Identify, diagnose, and repair electrical and electronic computer systems.
2. Identify, diagnose, and repair diesel engine mechanical systems.
3. Identify, diagnose, and repair drivetrain & chassis systems.
4. Identify, diagnose, and repair steering suspension & brake systems.
5. Identify, diagnose, and repair heating and cooling systems.
6. Identify, diagnose, and repair hydraulic/hydrostatic systems.
7. Identify, diagnose, and repair fuel delivery systems.
8. Display industry based communication skills.