

Diesel Mechanics Technology, Undergraduate Certificate

Visit the Applied Engineering and Transportation Technologies Department page (<https://www.uvu.edu/cet/transportation-tech/>) for more information on the program and access to advising.

Program Description

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		32
Discipline Core Requirements		32 Credits
DMT 1110	Diesel Engine Overhaul	4
DMT 1110L	Diesel Engine Overhaul Lab	2
DMT 1120	Diesel Engine Operation Tune Up	4
DMT 1120L	Diesel Engine Operation Tune up Lab	2
DMT 2410	Chassis Theory	4
DMT 2410L	Chassis Lab	2
DMT 2420	Power Train Theory	4
DMT 2420L	Power Train Lab	2
MKTG 2200G	Written Business Communication	3
Complete 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		2

Graduation Requirements

1. Completion of a minimum of 32 credits.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Residency hours -- minimum of 10 credit hours through course attendance at UVU.

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 1110	Diesel Engine Overhaul	4
DMT 1110L	Diesel Engine Overhaul Lab	2
DMT 1120	Diesel Engine Operation Tune Up	4
DMT 1120L	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		15
Semester 2		
DMT 2410	Chassis Theory	4
DMT 2410L	Chassis Lab	2
DMT 2420	Power Train Theory	4
DMT 2420L	Power Train Lab	2

MKTG 2200G	Written Business Communication	3
Social Science		2
	Credit Hours	17
	Total Credit Hours	32

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 and 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.

Mechanical engineering technologists and technicians

- Total Positions 39,900
- Field Growth 1.9%
- Median Salary \$64,020
- Average Openings 3.5

Engineering technologists and technicians, except drafters, all other

- Total Positions 69,500
- Field Growth 4.4%
- Median Salary \$73,500
- Average Openings 6.3