

# Automotive Technology, Certificate of Completion

Five options are available: a One-Year Certificate, a Two-Year Diploma, an Associate in applied Science Degree, an Associate in Science, and the Bachelor of Science in Technology Management degree.

## Program Requirements

Code	Title	Credit Hours
<b>Total Credit Hours</b>		<b>31</b>
<b>Discipline Core Requirements</b>		<b>31 Credits</b>
AUT 1110	Brake Systems	2
AUT 111L	Brake Systems Lab	1
AUT 1120	Powertrain Systems	2
AUT 112L	Powertrain Systems Lab	1
AUT 1130	Engine Mechanical	2
AUT 113L	Engine Mechanical Lab	1
AUT 1160	Automotive Electrical Systems	2
AUT 116L	Automotive Electrical Systems Lab	1
AUT 1170	Engine Electrical Systems	2
AUT 117L	Engine Electrical Systems Lab	1
AUT 1210	Steering and Suspension Systems	2
AUT 121L	Suspension and Steering Systems Lab	1
AUT 1220	Automatic Powertrain Systems	2
AUT 122L	Automatic Transmissions and Transaxles Lab	1
AUT 1230	Engine Performance	2
AUT 1260	Tech Math for Mechanics	3
MKTG 220G	Written Business Communication GI WE	3
Any approved Behavioral Science, Social, or Political Science Distribution course		2

## Graduation Requirements

1. Completion of a minimum of 31 semester 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
4. Completion of 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		Credit Hours
Semester 1		
AUT 1110	Brake Systems	2
AUT 111L	Brake Systems Lab	1
AUT 1120	Powertrain Systems	2
AUT 112L	Powertrain Systems Lab	1
AUT 1130	Engine Mechanical	2
AUT 113L	Engine Mechanical Lab	1
AUT 1160	Automotive Electrical Systems	2
AUT 116L	Automotive Electrical Systems Lab	1
AUT 1260 or MATH 1010	Tech Math for Mechanics or	3
<b>Credit Hours</b>		<b>15</b>
Semester 2		
AUT 1170	Engine Electrical Systems	2

AUT 117L	Engine Electrical Systems Lab	1
AUT 1210	Steering and Suspension Systems	2
AUT 121L	Suspension and Steering Systems Lab	1
AUT 1220	Automatic Powertrain Systems	2
AUT 122L	Automatic Transmissions and Transaxles Lab	1
AUT 1230	Engine Performance	2
MKTG 220G or ENGL 1010	Written Business Communication GI WE or Introduction to Academic Writing CC	3
Social Science		2
<b>Credit Hours</b>		<b>16</b>
<b>Total Credit Hours</b>		<b>31</b>

## Program Learning Outcomes

1. Diagnose and repair charging and electronic systems.
2. Diagnose and repair braking systems.
3. Diagnose, repair, and identify drivetrain components.
4. Diagnose and repair steering and suspension components.
5. Diagnose and repair HVAC systems.
6. Diagnose and repair engine mechanical systems.
7. Diagnose and repair fuel and ignition systems.
8. Retrieve, diagnose, and flash computer systems.