

## Automotive Technology, A.A.S.

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### Requirements

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.

#### Total Program Credits: 64

General Education Requirements:		16 Credits
	<a href="#">MKTG 220G</a> Written Business Communication GI WE	3
or	<a href="#">ENGL 1010</a> Introduction to Academic Writing CC (3)	
or	<a href="#">ENGH 1005</a> Literacies and Composition Across Contexts CC (5)	
	<a href="#">AUT 1260</a> Tech Math for Mechanics	3
or	<a href="#">MAT 1015</a> Intermediate Algebra with Integrated Review	
	Any approved Humanities, Fine Arts, or Foreign Language Distribution Course	3
	Any approved Behavioral Science, Social, or Political Science Distribution Course	3
	Any approved Biology or Physical Science Distribution Course	3
	Any approved Physical Education, Health, Safety, or Environment Course	1
Discipline Core Requirements:		48 Credits
	<a href="#">AUT 1110</a> Brake Systems	2
	<a href="#">AUT 111L</a> Brake Systems Lab	1
	<a href="#">AUT 1120</a> Manual Power Trains	2
	<a href="#">AUT 112L</a> Manual Power Trains Lab	1
	<a href="#">AUT 1130</a> Engine Repair	2
	<a href="#">AUT 113L</a> Engine Repair Lab	1
	<a href="#">AUT 1160</a> Automotive Electrical Systems	2
	<a href="#">AUT 116L</a> Automotive Electrical Systems Lab	1
	<a href="#">AUT 1170</a> Engine Electrical Systems	2
	<a href="#">AUT 117L</a> Engine Electrical Systems Lab	1
	<a href="#">AUT 1210</a> Suspension and Steering Systems	2
	<a href="#">AUT 121L</a> Suspension and Steering Systems Lab	1
	<a href="#">AUT 1220</a> Automatic Powertrain Systems	2
	<a href="#">AUT 122L</a> Automatic Transmissions and Transaxles Lab	1
	<a href="#">AUT 1230</a> Engine Performance	2
	<a href="#">AUT 123L</a> Engine Performance Lab	1
	<a href="#">AUT 2110</a> Advanced Steering Suspension and Alignment	2
	<a href="#">AUT 211L</a> Automotive Service Practicum Steering/Suspension/Alignment Lab	1
	<a href="#">AUT 2120</a> Advanced Engine Performance	2

<a href="#">AUT 212L</a>	Automotive Service Practicum Engine Performance Lab	1
<a href="#">AUT 2130</a>	Advanced Emission Control Systems	2
<a href="#">AUT 213L</a>	Automotive Service Practicum Emission Controls Lab	1
<a href="#">AUT 2140</a>	Chassis Electrical and Electronics Systems	2
<a href="#">AUT 214L</a>	Automotive Service Practicum Chassis Electrical and Electronics Lab	1
<a href="#">AUT 2210</a>	Advanced Braking and Control Systems	2
<a href="#">AUT 221L</a>	Automotive Service Practicum Brake Systems Lab	1
<a href="#">AUT 2220</a>	Automatic Transmissions and Electronic Controls	2
<a href="#">AUT 222L</a>	Automotive Service Practicum Transmission Controls Lab	1
<a href="#">AUT 2240</a>	Heating Ventilation Air Conditioning and Refrigeration Theory	2
<a href="#">AUT 224L</a>	Automotive HVAC Lab	1
<a href="#">AUT 2250</a>	Electronic Fuel Management Systems	2
or	<a href="#">AUT 2350</a> Electronic Diesel Fuel Management Systems (2)	
<a href="#">AUT 225L</a>	Automotive Service Practicum Fuel Management Systems Lab	1

#### Graduation Requirements:

1. Completion of a minimum of 64 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

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### 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](#).

Semester 1	Course Title	Credit Hours
AUT 1110	Brake Systems	2
AUT 111L	Brake Systems Lab	1
AUT 1120	Manual Power Trains	2
AUT 112L	Manual Power Trains Lab	1
AUT 1130	Engine Repair	2
AUT 113L	Engine Repair Lab	1
AUT 1160	Automotive Electrical Systems	2
AUT 116L	Automotive Electrical Systems Lab	1
AUT 1260 or MAT 1015	Tech Math for Mechanics or Intermediate Algebra with Integrated Review	3
	Semester total:	15
Semester 2	Course Title	Credit Hours
AUT 1170	Engine Electrical Systems	2
AUT 117L	Engine Electrical Systems Lab	1
AUT 1210	Suspension and Steering 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 123L	Engine Performance Lab	1
MKTG 220G or ENGL 1010	Written Business Communication GI WE or Introduction to Academic Writing CC	3
Social Science		3
	Semester total:	18
Semester 3	Course Title	Credit Hours
AUT 2110	Advanced Steering Suspension and Alignment	2
AUT 211L	Automotive Service Practicum Steering/Suspension/Alignment Lab	1
AUT 2120	Advanced Engine Performance	2
AUT 212L	Automotive Service Practicum Engine Performance Lab	1
AUT 2130	Advanced Emission Control Systems	2
AUT 213L	Automotive Service Practicum Emission Control Lab	1
AUT 2140	Chassis Electrical and Electronics Systems	2
AUT 214L	Automotive Service Practicum Chassis Electrical and Electronics Lab	1
Humanities/Fine Arts		3

Physical Education		1
	Semester total:	16
Semester 4	Course Title	Credit Hours
AUT 2210	Advanced Braking and Control Systems	2
AUT 221L	Automotive Service Practicum Brake Systems Lab	1
AUT 2220	Automatic Transmissions and Electronic Controls	2
AUT 222L	Automotive Service Practicum Transmisson Control Lab	1
AUT 2240	Heating Ventilation Air Conditioning and Refrigeration Theory	2
AUT 224L	Automotive HVAC Lab	1
AUT 2250	Electronic Fuel Management Systems	2
AUT 225L	Automotive Service Practicum Fuel Management Systems Lab	1
Biology or Physical Science		3
	Semester total:	15
	Degree total:	64