

Automotive Technology, Diploma

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Requirements

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

Total Program Credits: 56

Discipline Core Requirements:		56 Credits
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 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
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 Controls Lab	1
AUT 2140	Chassis Electrical and Electronics Systems	2
AUT 214L	Automotive Service Practicum Chassis Electrical and Electronics Lab	1
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 Transmission Controls 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
or	AUT 2350	Electronic Diesel Fuel Management Systems (2)	
	AUT 225L	Automotive Service Practicum Fuel Management Systems Lab	1
	MKTG 220G	Written Business Communication GI WE	3
	Any approved Behavioral Science, Social, or Political Science Distribution Course		2
	AUT 1260	Tech Math for Mechanics	3

Graduation Requirements:

1. Completion of a minimum of 56 semester hours.
2. Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3. Completion of specified departmental requirements.

Automotive Technology, Diploma

Automotive Technology, Diploma 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	Tech Math for Mechanics	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 Transmissions and Transaxles	2
AUT 122L	Automatic Transmissions and Transaxles Lab	1
AUT 1230	Engine Performance	2
AUT 123L	Engine Performance Lab	1
MKTG 220G	Written Business Communication WE	3
Social Science		2
	Semester total:	17
Semester 3	Course Title	Credit Hours
AUT 2110	Advanced Steering Suspension and Alignment	2
AUT 211L	Auto Service Practicum Steering, Suspension and Alignment Lab	1
AUT 2120	Advanced Engine Performance	2
AUT 212L	Automotive Service Practicum Engine Performance and Steering Suspension	1
AUT 2130	Advanced Emission Control Systems	2
AUT 213L	Auto Service Practicum Emission Control Labs	1
AUT 2140	Chassis Electrical and Electronics Systems	2
AUT 214L	Auto Service Practicum Chassis Electrical and Electronics Lab	1
	Semester total:	12
Semester 4	Course Title	Credit Hours

AUT 2210	Advanced Braking and Control Systems	2
AUT 221L	Auto Service Practicum Brake Systems Lab	1
AUT 2220	Automatic Transmissions and Electronic Controls	2
AUT 222L	Auto Service Practicum Transmisson Control Lab	1
AUT 2240	Heating Ventilation Air Conditioning and Refrigeration Theory	2
AUT 224L	Auto HVAC Lab	1
AUT 2250	Electronic Fuel Management Systems	2
AUT 225L	Automotive Service Practicum Fuel Management Systems	1
	Semester total:	12
	Degree total:	56