

Glen Oaks Community College

Automotive Technician Certificate

This program of study is designed to prepare technicians for the high-tech automotive industry. That prepares them to take state and national certification tests.

Required Coursework (20 hours)

VTA 100	Introduction to Automotive Technology	3 Credits
VTA 141	Engine Diagnosis and Ignition Systems*	5 Credits
VTA 146	Automotive Brake Systems*	4 Credits
VTA 221	Automotive Steering & Suspension*	4 Credits
VTA 225	Automotive Electrical Systems I*	4 Credits

Electives (21 hours required)

VET 271	Internship I*	3 Credits
VTA 142	Fuel and Exhaust Systems*	5 Credits
VTA 226	Automotive Heating & Air Conditioning*	4 Credits
VTA 228	Emissions and Engine Controls*	4 Credits
VTA 245	Automotive Valve Train & Head Rebuilding*	4 Credits
VTA 246	Automotive Cylinder Block Rebuilding*	4 Credits
VTA 250	Introduction to Automotive Transmissions*	3 Credits
VTA 251	Manual Transmissions and Transaxles*	4 Credits
VTA 252	Automatic Transmissions and Transaxles*	5 Credits
VTA 255	Automotive Electrical Systems II*	4 Credits

Minimum Hours Required 41 Credits

*Course has a prerequisite

ASE Certification

Upon successful completion of the required course work, the graduate should be ready for the State of Michigan and/or ASE Certification in the following Automotive Specialty Areas:

Brakes-Automatic Transmission-Engine Repair
Electric-Manual Transmission-Engine Tune-up
Heating and Air Conditioning-Front End

Effective: Fall 2005

Address

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