

Glen Oaks Community College

Automotive Service Certificate

This instructional program is a basic program designed to prepare individuals for entry-level employment in automotive service centers. Upon completion of the following courses, the prospective service center technician will have proficiency in the fundamentals of basic electronics, tuneup, diagnosis and repair, brake service, and fuels.

Required Coursework (12 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

Electives (7 hours required)

Any selected automotive courses from the following certification areas totaling 7 credits or more.

VET 271	Internship I* (by special arrangement)	3 Credits
VTA 142	Fuel and Exhaust Systems*	5 Credits
VTA 221	Automotive Steering and Suspension*	4 Credits
VTA 225	Automotive Electrical Systems I*	4 Credits
VTA 228	Emissions Control Systems*	5 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 & Transaxles*	5 Credits
VTA 255	Automotive Electrical Systems II*	4 Credits
Minimum Hours Required		19 Credits

*Course has a prerequisite

Effective: Fall 2005

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