

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, tune-up, diagnosis and repair, brake service, and fuels.

Required Coursework (12 hours)

VTA100	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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