

ATEC 186 : Automotive Diagnostics

Credits 5

Quarter Offered Winter

Troubleshoot and diagnose new and late model electrical and gas vehicles. Students will learn diagnostic methods, identify engine performance and battery issues, read computerized control system components, and customer service skills. This class may include students from multiple sections.

This class has a \$60 Automotive Technology course fee.

Course Outcomes

Diagnose common automotive issues and recommend/perform proper repairs

Identify and interpret engine performance concerns; determine needed action

Diagnose abnormal engine noises or vibration concerns; determine needed action

Diagnose the cause of excessive oil consumption, coolant consumption, unusual exhaust color, odor, and sound; determine needed action

Identify computerized control system components and configurations

Access and use service information to perform step-by-step (troubleshooting) diagnosis