

AUTOMOTIVE TECHNOLOGY
ALTERNATIVE FUELS (CNG)
35 CREDIT CAREER CERTIFICATE

This curriculum provides students with the knowledge and skills needed to convert, maintain, diagnose and repair vehicles powered by alternative fuels. It also prepares students for the Automotive Service Excellence (ASE) exam for Light Vehicle Compressed Natural Gas. This program is certified by the National Automotive Technicians Education Foundation (NATEF).

FIRST SEMESTER		CREDIT HOURS
ATM 102	Fuel Systems and Emission Controls.....	3
ATM 120	Basic Vehicle Mechanics.....	3
ATM 130	Compressed Natural Gas Conversion.....	4
ATM 140	Introduction to Alternative Fuels.....	2
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		Total 12
SECOND SEMESTER		
ATM 115	Introduction to Electric and Hybrid Electric Vehicles.....	2
ATM 202	Automotive Electrical Systems.....	4
ATM 131	Compressed Natural Gas/Advanced Diagnosis.....	3
ATM 208	Automotive Computer Services.....	3
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		Total 12
THIRD SEMESTER		
ATM 203	Engine Performance.....	5
ATM 230	Electric Vehicle Conversion.....	3
ATM 221	Automotive Service II.....	3
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		Total 11
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		Overall Total 35

AUTOMOTIVE TECHNOLOGY
AUTOMOTIVE SERVICE (ATS)
19 CREDIT CAREER CERTIFICATE

This curriculum prepares students for entry-level employment in automotive service. It provides the necessary knowledge and skills to service and maintain many systems of the automobile.

FIRST SEMESTER		CREDIT HOURS
ATM 104	Automotive Brakes.....	3
ATM 120	Basic Vehicle Mechanics.....	3
ATM 202	Automotive Electrical Systems.....	4
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		Total 10
SECOND SEMESTER		
ATM 122	Automotive Air Conditioning.....	3
ATM 206	Steering and Suspension.....	3
ATM 221	Advanced Automotive Service II.....	3
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		Total 9
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		Overall Total 19