

AUTOMOTIVE TECHNOLOGY

**AUTOMOTIVE TECHNOLOGY (ATC)
50 CREDIT CAREER CERTIFICATE**

This curriculum prepares students for employment as automotive technicians. Through classroom study of automotive principles combined with hands-on experience, students learn about design, function, diagnosis and proper repair procedures for all major systems related to the automobile. It also prepares students for the National Institute for Automotive Service Excellence (ASE) certification exams. Students are encouraged to take specific ASE exams upon completion of related courses. Successful completion of these exams certifies the student as a Master Automobile Technician. This program is certified by the National Automotive Technicians Education Foundation (NATEF).

FIRST SEMESTER		CREDIT HOURS
ATM 101	Automotive Engine Design	5
ATM 104	Automotive Brakes.....	3
ATM 120	Basic Vehicle Mechanics	3
		Total 11
SECOND SEMESTER		
ATM 102	Fuel Systems and Emission Controls.....	3
ATM 105	Automatic Transmissions.....	4
ATM 122	Automotive Air Conditioning	3
	Automotive Elective	2
		Total 12
THIRD SEMESTER		
ATM 201	Manual Transmissions and Transaxles	3
ATM 202	Automotive Electrical Systems	4
ATM 208	Automotive Computer Systems	3
ATM 220	Automotive Service I.....	3
		Total 13
FOURTH SEMESTER		
ATM 203	Engine Performance.....	5
ATM 204	Advanced Electrical Systems & Accessories	3
ATM 206	Steering and Suspension	3
ATM 221	Automotive Service II.....	3
		Total 14
		Overall Total 50