

# Gateway S.M.A.R.T. Plan

## Certificates: Automotive Technology

I understand that if I have prior felony/criminal convictions, or have points on my driver's license, or no license, that it may be difficult to find employment in the transportation field. I also understand that there may be course changes with future curriculum revisions that may affect a change in course requirements listed on this sheet.

### Automatic Transmission/Transaxle Technician: 5 Total Credit Hours

Courses	Cr	Grade	Offered
AUT 180 Automatic Transmission/Transaxle	3		Fall/Spring
AUT 181 Automatic Transmission/Transaxle Lab	2		Fall/Spring

### Automotive Air Conditioning Mechanic: 4 Total Credit Hours

Courses	Cr	Grade	Offered
ADX 170 Climate Control	3		Fall/Spring
ADX 171 Climate Control Lab	1		Fall/Spring

### Automotive Electrician: 10 Total Credit Hours

Courses	Cr	Grade	Offered
ADX 120 Basic Automotive Electricity	3		Fall/Spring
ADX 121 Basic Automotive Electricity Lab	2		Fall/Spring
ADX 260 Electrical Systems	3		Fall/Spring
ADX 261 Electrical Systems Lab	2		Fall/Spring

### Brake Repairer: 5 Total Credit Hours

Courses	Cr	Grade	Offered
AUT 110 Brake Systems	3		Fall/Spring
AUT 111 Brake Systems Lab	2		Fall/Spring

### Engine Repairer: 5 Total Credit Hours

Courses	Cr	Grade	Offered
ADX 150 Engine Repair	3		Fall/Spring
ADX 151 Engine Repair 151	2		Fall/Spring

### Front End Mechanic: 5 Total Credit Hours

Courses	Cr	Grade	Offered
AUT 160 Suspension and Steering	3		Fall/Spring
AUT 161 Suspension and Steering Lab	2		Fall/Spring

### Manual Transmission/Drive Train Technician: 5 Total Credit Hours

Courses	Cr	Grade	Offered
AUT 130 Manual Drive Train Axles	3		Fall/Spring
AUT 131 Manual Drive Train Axles Lab	2		Fall/Spring

### Tune-Up Mechanic: 25 Total Credit Hours

Courses	Cr	Grade	Offered
ADX 120 Basic Automotive Electricity	3		Fall/Spring
ADX 121 Basic Automotive Electricity Lab	2		Fall/Spring
ADX 260 Electrical Systems	3		Fall/Spring



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Courses	Cr	Grade	Offered
ADX 261 Electrical Systems Lab	2		Fall/Spring
AUT 140 Basic Fuel and Ignition System	3		Fall/Spring
AUT 141 Basic Fuel and Ignition System Lab	2		Fall/Spring
AUT 142 Emissions Systems	3		Fall/Spring
AUT 143 Emissions Systems Lab	2		Fall/Spring
AUT 240 Computer Controls Systems and Diagnosis	3		Spring
AUT 241 Computer Controls Systems and Diagnosis Lab	2		Spring

### Notes

- Progression in the program is contingent upon maintenance of a 2.0 cumulative GPA or above (on a 4.0 scale).
- At least 25 percent of the approved curriculum for any certificate, diploma or degree must be completed at the student's home college.

Updated 4/2/20

