

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

Diploma: Automotive Technician

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.

Recommended Semester 1

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
Digital Literacy - CIT 105 Introduction to Computers or OST 105 Introduction to Office Systems (or Competency demonstrated by exam)	3		All

Recommended Semester 2

Courses	Cr	Grade	Offered
ADX 150 Engine Repair	3		Fall/Spring
ADX 151 Engine Repair Lab	2		Fall/Spring
ADX 170 Climate Control	3		Fall/Spring
ADX 171 Climate Control Lab	1		Fall/Spring
AUT 130 Manual Drive Train and Axles *	3		Spring
AUT 131 Manual Drive Train and Axles Lab *	2		Spring
General Education course – Area 1- Written or Oral Communication or Heritage/Humanities	3		All

Recommended Semester 3

Courses	Cr	Grade	Offered
AUT 110 Brake Systems	3		Fall/Spring
AUT 111 Brake Systems Lab	2		Fall/Spring
AUT 160 Suspension and Steering	3		Fall/Spring
AUT 161 Suspension and Steering Lab	2		Fall/Spring
AUT 180 Automatic Transmission/Transaxle *	3		Fall
AUT 181 Automatic Transmission/Transaxle Lab *	2		Fall
General Education course – Area 2 – Quantitative Reasoning or Natural or Social/Behavioral Science	3		All

Recommended Semester 4

Courses	Cr	Grade	Offered
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
Any approved work experience component	1		All



Notes

- * In order to complete the program in four semesters, students must complete the midday course offerings each semester.
- 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 9/17/20

