

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

Associate in Applied Science: Automotive Technology – Ford ASSET Automotive Technician Track

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 (first 8 weeks)	3		Fall
ADX 121 Basic Automotive Electricity Lab (first 8 weeks)	2		Fall
ADX 260 Electrical Systems (first 8 weeks)	3		Fall
ADX 261 Electrical Systems Lab (first 8 weeks)	2		Fall
AUT 199 Cooperative Education Program (second 8 weeks)	0-1		Fall
Digital Literacy - CIT 105 Introduction to Computers or OST 105 Introduction to Office Systems (or Competency demonstrated by exam)	3		All
Heritage/Humanities General Education course	3		All

Recommended Semester 2

Courses	Cr	Grade	Offered
AUT 110 Brake Systems (first 8 weeks)	3		Spring
AUT 111 Brake Systems Lab (first 8 weeks)	2		Spring
AUT 160 Suspension and Steering (first 8 weeks)	3		Spring
AUT 161 Suspension and Steering Lab (first 8 weeks)	2		Spring
AUT 199 Cooperative Education Program (second 8 weeks)	0-1		Fall
ENG 101 Writing I	3		All

Recommended Semester 3

Courses	Cr	Grade	Offered
ADX 170 Climate Control	3		Summer
ADX 171 Climate Control Lab	1		Summer

Recommended Semester 4

Courses	Cr	Grade	Offered
ADX 150 Engine Repair (first 8 weeks)	3		Fall
ADX 151 Engine Repair Lab (first 8 weeks)	2		Fall
AUT 180 Automatic Transmission/Transaxle (first 8 weeks)	3		Fall
AUT 181 Automatic Transmission/Transaxle Lab (first 8 weeks)	2		Fall
AUT 199 Cooperative Education Program (second 8 weeks)	0-1		Fall
Quantitative Reasoning General Education course	3		All
Social/Behavioral Science General Education course	3		All

Recommended Semester 5

Courses	Cr	Grade	Offered
AUT 140 Basic Fuel and Ignition System (first 8 weeks)	3		Spring
AUT 141 Basic Fuel and Ignition System Lab (first 8 weeks)	2		Spring
AUT 142 Emissions Systems (first 8 weeks)	3		Spring



Courses	Cr	Grade	Offered
AUT 143 Emissions Systems Lab (first 8 weeks)	2		Spring
AUT 240 Computer Controls Systems and Diagnosis (first 8 weeks)	3		Spring
AUT 241 Computer Controls Systems and Diagnosis Lab (first 8 weeks)	2		Spring
AUT 199 Cooperative Education Program (second 8 weeks)	0-1		Fall
Natural Science General Education course	3		All

Recommended Semester 6

Courses	Cr	Grade	Offered
AUT 130 Manual Drive Train and Axles	3		Summer
AUT 131 Manual Drive Train and Axles Lab	2		Summer

Notes

- At least 25 percent of the approved curriculum for any certificate, diploma or degree must be completed at the student's home college.

Updated 4/6/20

