

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

## Associate in Applied Science: Diesel Technology – Medium and Heavy Truck 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 do 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
Digital Literacy - CIT 105 Introduction to Computers <b>or</b> OST 105 Introduction to Office Systems (or Competency demonstrated by exam)	3		Fall/Spring
DIT 103 Preventive Maintenance Lab	2		Fall/Summer
DIT 160 Steering and Suspension	3		Fall
DIT 161 Steering and Suspension Lab	2		Fall
DIT 180 Brakes	3		Fall
DIT 181 Brakes Lab	2		Fall
MAT 110 Applied Mathematics (or higher level Quantitative Reasoning course)	3		All

### Recommended Semester 2

Courses	Cr	Grade	Offered
ADX 120 Basic Automotive Electricity	3		Spring
ADX 121 Basic Automotive Electricity Lab	2		Spring
DIT 110 Introduction to Diesel Engines <b>or</b> ADX 150 Engine Repair	3		Spring
DIT 111 Introduction to Diesel Engines Lab <b>or</b> ADX 151 Engine Repair Lab	2		Spring
ENG 101 Writing I	3		All
Social/Behavioral Science General Education course	3		All

### Recommended Semester 3

Courses	Cr	Grade	Offered
ADX 170 Climate Control	3		Fall
ADX 171 Climate Control Lab	1		Fall
DIT 112 Diesel Engine Repair	3		Fall
DIT 113 Diesel Engine Repair Lab	2		Fall
Heritage or Humanities General Education course	3		All
Natural Science General Education course	3		All

### Recommended Semester 4

Courses	Cr	Grade	Offered
ADX 260 Electrical Systems	3		Spring
ADX 261 Electrical Systems Lab	2		Spring
DIT 140 Hydraulics <b>or</b> FPX 100 Fluid Power	3		Spring
DIT 141 Hydraulics Lab	2		Spring



Courses	Cr	Grade	Offered
<b>or</b> FPX 101 Fluid Power Lab	2		Spring
DIT 150 Power Trains	3		Spring
DIT 151 Power Trains Lab	2		Spring

### Notes

- Progression in the program is contingent upon achievement of a grade of C or greater in each technical course and 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 11/18/20

