

# Northeastern Junior College

## AUTOMOTIVE TECHNOLOGY

### PROGRAM ADVISEMENT GUIDE

**Two-Year A.A.S Degree – 75 Semester Credits**

**Catalog Date: 2017-2018**

**Name:** \_\_\_\_\_

**S#** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Advisor:** Layton Peterman

**EVEN YEAR: 2016-2017**

**ODD YEAR: 2017-2018**

Fall Semester	Credits	Fall Semester	Credits
____ ASE-101 Auto Shop Orientation	2	____ ASE-101 Auto Shop Orientation	2
____ ASE-110 Brakes I	2	____ ASE-120 Basic Auto Electricity	2
____ ASE-111 Brakes II	2	____ ASE-122 Auto Electrical Safety Systems	1
____ ASE-210 Power & ABS Brakes	2	____ ASE-123 Battery, Starting, Charging System	2
____ ASE-150 Manual Drive Train Maintenance	2	____ ASE-140 Steering & Suspension I	2
____ ASE-151 Manual Trans/Transaxle I	2	____ ASE-141 Steering & Suspension II	2
____ ASE-152 Manual Trans/Transaxle II	2	____ ASE-240 Steering & Suspension III	2
____ ASE-153 Automotive Drive Axle O/H	1	____ ASE-220 Special Electronics (Elective)	2
____ ASE-154 Man Trans/Transaxle O/H (Elective) 1			

**NOTE: ASE-101 Auto Shop Orientation is required of the first year student's only!**

Spring Semester	Credits	Spring Semester	Credits
____ ASE-130 General Engine Diagnosis	2	____ ASE-250 Auto Trans Service	1
____ ASE-160 Engine Repair	2	____ ASE-251 Auto Trans/Transaxle Diagnosis	3
____ ASE-161 Engine Repair & O/H	3	____ ASE-134 Automotive Emissions	2
____ ASE-162 Automotive Engine Service	2	____ ASE-231 Auto Comp & Ignition Sys	2
____ ASE-233 Auto Fuel Injection/Emissions	4	____ ASE-235 Driveability & Diagnosis	2
____ ASE-264 Intro to Auto Heating/AC	1	____ ASE-221 Auto/Diesel Body Electrical	4
____ ASE-265 Auto Heating/AC systems	4	____ ASE-252 Adv. Auto Trans O/H	2
____ ASE-165 Engine Machining (Elective) 2			

### General Education Requirement's (1<sup>st</sup> year) Credits

Fall Semester

\_\_\_\_ REA-130 Technical Reading A-Term 2

\_\_\_\_ MAT-102 Skilled Trades & Industrial Math B-Term 2

Spring Semester

\_\_\_\_ ENG-115 Technical English & Comm. B-Term 3

### General Education Requirement's (2<sup>nd</sup> year) Credits

Fall Semester

\_\_\_\_ BUS-115 Intro to Business Full 3

\_\_\_\_ CIS-117 Intro to Technical Apps A-Term 2

Spring Semester

\_\_\_\_ MAN-128 Human Relations in Org B-Term 3

**There may be other general education and elective course options: Please question your academic advisor about these options?**

*Please refer to the college catalog for additional details.*

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# Northeastern Junior College

## AUTOMOTIVE TECHNOLOGY

### PROGRAM ADVISEMENT GUIDE

#### Automotive Technology Certificates

Name: \_\_\_\_\_

S# \_\_\_\_\_

Date: \_\_\_\_\_

Advisor: Layton Peterman

Catalog Date: 2016-2017

#### Automotive Brakes Certificate (8 credits)

_____ ASE-101 Auto Shop Orientation	2
_____ ASE-110 Brakes I	2
_____ ASE-111 Brakes II	2
_____ ASE-210 Power & ABS Brakes	2

#### Manual Powertrains Certificate (10 credits)

_____ ASE-101 Auto Shop Orientation	2
_____ ASE-150 Manual Drive Train Maintenance	2
_____ ASE-151 Manual Trans/Transaxle I	2
_____ ASE-152 Manual Trans/Transaxle II	2
_____ ASE-153 Automotive Drive Axle O/H	1
_____ ASE-154 Man Trans/Transaxle O/H	1

#### Automotive HVAC Certificate (7 credits)

_____ ASE-101 Auto Shop Orientation	2
_____ ASE-264 Intro to Auto Heating/AC	1
_____ ASE-265 Auto Heating/AC systems	4

#### Automotive Engines Certificate (11 credits)

_____ ASE-101 Auto Shop Orientation	2
_____ ASE-130 General Engine Diagnosis	2
_____ ASE-160 Engine Repair	2
_____ ASE-161 Engine Repair & O/H	3
_____ ASE-162 Automotive Engine Service	2

#### Automatic Transmissions Certificate (8 credits)

_____ ASE-101 Auto Shop Orientation	2
_____ ASE-250 Auto Trans Service	1
_____ ASE-251 Auto Trans/Transaxle Diagnosis	3
_____ ASE-252 Adv. Auto Trans O/H	2

#### Automotive Electrical Certificate (7 credits)

_____ ASE-101 Auto Shop Orientation	2
_____ ASE-120 Basic Auto Electricity	2
_____ ASE-122 Auto Electrical Safety Systems	1
_____ ASE-123 Battery, Starting, Charging System	2

#### Advanced Electrical Certificate (10 credits)

_____ ASE-101 Auto Shop Orientation	2
_____ ASE-220 Special Electronics Training	2
_____ ASE-221 Auto/Diesel Body Electrical	4
_____ ASE-231 Auto/Diesel Computers	2

#### Steering & Suspension Certificate (8 credits)

_____ ASE-101 Auto Shop Orientation	2
_____ ASE-140 Steering & Suspension I	2
_____ ASE-141 Steering & Suspension II	2
_____ ASE-240 Steering & Suspension III	2

#### Fuels & Emissions Certificate (12 credits)

_____ ASE-101 Auto Shop Orientation	2
_____ ASE-134 Automotive Emissions	2
_____ ASE-231 Auto Comp & Ignition Sys	2
_____ ASE-233 Auto Fuel Injection/Emissions	4
_____ ASE-235 Driveability & Diagnosis	2

**Note: ASE-101 is required as a pre-requisite for all courses in the automotive program.**

*Please refer to the college catalog for additional details.*

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