Northeastern Junior College
AUTOMOTIVE TECHNOLOGY

PROGRAM ADVISEMENT GUIDE

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

Catalog Date: 2014-2015

Name: _____
S#_____
Date: _____
Advisor: _Layton Peterman_____

EVEN YEAR: 2014-2015

Fall Semester	Credits
_____ ASE-101 Auto Shop Orientation	2
_____ ASE-110 Brakes I	2
_____ ASE-111 Brakes II	2
_____ ASE-210 Power & ABS Brakes	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 (Elective)*	*1*

ODD YEAR: 2015-2016

Fall Semester	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
_____ ASE-220 Special Electronics Training	2
_____ ASE-140 Steering & Suspension I	2
_____ ASE-141 Steering & Suspension II	2
_____ ASE-240 Steering & Suspension III	2

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

Spring Semester	Credits
_____ ASE-130 General Engine Diagnosis	2
_____ ASE-160 Engine Repair	2
_____ ASE-161 Engine Repair & O/H	3
_____ ASE-162 Automotive Engine Service	2
_____ ASE-233 Fuel Injection & Exhaust Sys II	4
_____ ASE-264 Intro to Auto Heating/AC	1
_____ ASE-265 Auto Heating/AC systems	4
_____ *ASE-165 Engine Machining (Elective)*	*2*

Spring Semester	Credits
_____ ASE-250 Auto Trans Service	1
_____ ASE-251 Auto Trans/Transaxle Diagnosis	3
_____ ASE-134 Automotive Emissions	2
_____ ASE-231 Auto/Diesel Computers	2
_____ ASE-235 Driveability & Diagnosis	2
_____ ASE-221 Auto/Diesel Body Electrical	4
_____ *ASE-252 Adv. Auto Trans O/H (Elective)*	*2*

General Education Requirement's (1st year)

		Credits
Fall Semester		
_____REA-130 Technical Reading	A-Term	2
_____MAT-175 Applied Math	B-Term	2
Spring Semester		
_____ENG-115 Technical English & Comm.	B-Term	3

General Education Requirement's (2nd 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.
www.njc.edu

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AUTOMOTIVE TECHNOLOGY

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Automotive Technology Certificates

Catalog Date: 2014-2015

Name: _____
S#_____
Date: _____
Advisor: _Layton Peterman_____

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 (Elective)*	*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 (Elective)*	*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 Automotive 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/Diesel Computers	2
_____	ASE-233 Fuel Injection & Exhaust Sys	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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