



Name: \_\_\_\_\_  
ID#: \_\_\_\_\_

**Program Requirements**  
GPA.....2.0  
Credits.....64

Advising Check Sheet, 2019-20 Catalog

This program is for students who are seeking a career in the automotive repair industry. It offers a combination of self-guided, computer aided instruction, guided instruction and hands-on laboratory learning.

Core Courses 48 Credits		Areas	Courses
<b>Areas</b>	<b>Courses</b>		
Electrical Systems & Engines <b>Required: All</b>	<b>(Each course is worth 3 credits unless noted)</b> <input type="checkbox"/> ATO 116 Introduction to Automotive and Safety (2credits) <input type="checkbox"/> ATO 118 Electrical I <input type="checkbox"/> ATO 120 Electrical II <input type="checkbox"/> ATO 122 Electrical III <input type="checkbox"/> ATO 124 Engine Repair I <input type="checkbox"/> ATO 126 Engine Repair II <input type="checkbox"/> ATO 128 Engine Performance I <input type="checkbox"/> ATO 130 Engine Performance II	Arts & Humanities	<input type="checkbox"/> ART 101 Understanding Art <input type="checkbox"/> ART 115 Art History I <input type="checkbox"/> ART 116 Art History II <input type="checkbox"/> ART 215 Native American Art <input type="checkbox"/> ENL 220 World Literature I <input type="checkbox"/> ENL 221 World Literature II <input type="checkbox"/> ENL 224 English Literature I <input type="checkbox"/> ENL 225 English Literature II <input type="checkbox"/> ENL 230 American Literature I <input type="checkbox"/> ENL 231 American Literature II <input type="checkbox"/> ENL 234 Native American Literature <input type="checkbox"/> ENL 238 Women's Literature <input type="checkbox"/> FDV 220 Film Aesthetics <input type="checkbox"/> HUM 150 Humanities in the Western World I <input type="checkbox"/> HUM 151 Humanities in the Western World II <input type="checkbox"/> MUS 150 Music Appreciation <input type="checkbox"/> MUS 250 World Music <input type="checkbox"/> PHL 101 Introduction to Philosophy <input type="checkbox"/> PHL 103 Introduction to Logic/critical Thinking <input type="checkbox"/> PHL 105 Introduction to Ethics <input type="checkbox"/> PHL 150 Comparative World Religions <input type="checkbox"/> SPT 130 Introduction to Theatre <input type="checkbox"/> SPT 140 Principles of Drama <input type="checkbox"/> SPT 150 Introduction to Film <input type="checkbox"/> SPT 155 History of Television
Automotive Service Operations <b>Required: All</b> Complete <input type="checkbox"/>	<b>(Each course is worth 4 credits unless noted)</b> <input type="checkbox"/> ATO 216 Suspension and Steering <input type="checkbox"/> ATO 218 Automatic Transmission <input type="checkbox"/> ATO 220 Manuel Transmissions & Drive Trains <input type="checkbox"/> ATO 222 Breaking Systems <input type="checkbox"/> ATO 224 HVAC Systems <input type="checkbox"/> ATO 226 Automotive Diesel	Math <b>Required: 3-Credits</b> Complete <input type="checkbox"/>	<b>(Each course is worth 3 credits unless noted)</b> <input type="checkbox"/> BUS 133 Business Mathematics <input type="checkbox"/> MAT 101 Basic Technical Math <input type="checkbox"/> MAT 103 Business Mathematics <input type="checkbox"/> MAT 109 Algebra I: Introductory <input type="checkbox"/> MAT 112 Algebra II: Intermediate <input type="checkbox"/> MAT 125 Introduction to Statistics <input type="checkbox"/> MAT 142 College Math with Con App <input type="checkbox"/> MAT 152 Advanced Algebra <input type="checkbox"/> MAT 161 Algebra Based Math EE I <input type="checkbox"/> MAT 162 Algebra Based Math EE II <input type="checkbox"/> MAT 189 Pre-Calculus Algebra/Trig <input type="checkbox"/> MAT 211 Technical Calculus (4 credits) <input type="checkbox"/> MAT 221 Calculus I (4 credits) <input type="checkbox"/> MAT 231 Calculus II (4 credits) <input type="checkbox"/> MAT 241 Calculus III (4 credits)
<b>General Education Courses 16 Credits</b>		Physical & Biological Sciences <b>Required: 4-Credits</b> Complete <input type="checkbox"/>	<b>(Each course is worth 4 credits)</b> <input type="checkbox"/> ANT 104 Biological Anthropology & Human Origins <input type="checkbox"/> BIO 100 Biology Concepts <input type="checkbox"/> BIO 105 Environmental Biology <input type="checkbox"/> BIO 160 Introduction to Human Anatomy & Physiology <input type="checkbox"/> BIO 181 General Biology I <input type="checkbox"/> BIO 182 General Biology II <input type="checkbox"/> **CHM 130 Foundational Chemistry <input type="checkbox"/> **CHM 151 General Chemistry I <input type="checkbox"/> CHM 152 General Chemistry II <input type="checkbox"/> GEO 111 Physical Geography <input type="checkbox"/> GLG 101 Introduction to Geology I – Physical Geology <input type="checkbox"/> GLG 102 Introduction to Geology II – Historical Geology <input type="checkbox"/> PHY 113 General Physics I <input type="checkbox"/> PHY 114 General Physics II
English/Com. <b>Required: 6-Credits</b> Complete <input type="checkbox"/>	<b>(Each course is worth 3 credits)</b> <input type="checkbox"/> ENL 101 College Composition I <b>Plus one of the following</b> <input type="checkbox"/> ENL 109 Technical Writing OR <input type="checkbox"/> SPT 120 Public Speaking	Social & Behavioral Sciences	<input type="checkbox"/> PSY 101 Introduction to Psychology <input type="checkbox"/> *ANT 102 Cultural Anthropology <input type="checkbox"/> ANT 120 Buried Cities and Lost Tribes <input type="checkbox"/> ECN 211 Principles of Macroeconomics <input type="checkbox"/> ECN 212 Principles of Microeconomics <input type="checkbox"/> *GEO 110 World Regional Geography <input type="checkbox"/> GEO 120 Human Geography <input type="checkbox"/> HIS 101 World History: Prehistoric to 1450CE <input type="checkbox"/> HIS 102 World. History 1450 CE to present <input type="checkbox"/> *HIS 105 U.S. History to 1877 <input type="checkbox"/> *HIS 106 U.S. History Since 1877 <input type="checkbox"/> *HIS 155 Western Civilization to 1700 <input type="checkbox"/> *HIS 156 Western Civilization since 1700 <input type="checkbox"/> HIS 201 History of Women in America <input type="checkbox"/> POS 110 American Government <input type="checkbox"/> PSY 240 Developmental Psychology <input type="checkbox"/> PSY 250 Social Psychology <input type="checkbox"/> SOC 101 Introduction to Sociology <input type="checkbox"/> SOC 121 Social Problems <input type="checkbox"/> SOC 212 Sex and Gender in Society <input type="checkbox"/> SOC 215 Ethnicity and Race <input type="checkbox"/> SOC 225 Sociology of the Family
<b>Required: 3-Credits</b> Complete <input type="checkbox"/>	Students <b>MUST choose one course from either</b> Arts & Humanities <b>OR</b> Social & Behavioral Sciences. <b>(Each course is worth 3 credits)</b>		

Courses over 8 years old may be reevaluated for this program

If you are a student with a disability and need accommodations, please contact the Disability Resource and Access office located at the White Mountain Campus. The coordinator, Sandy Manor, travels to all NPC campuses and centers. An appointment can be scheduled to meet with her by calling (800) 266-7845, ext. 6178.

## Suggested Semester Plan of Study

(complete your degree in two years)

Semester 1	Credits	Semester 2	Credits
ENL 101	3	Physical & Biological Science	4
ATO 116	2	ATO 124	3
ATO 118	3	ATO 126	3
ATO 120	3	ATO 128	3
ATO 122	3	ATO 130	3
Semester 3	Credits	Semester 4	Credits
ATO 226	4	ATO 220	3
ATO 216	4	ATO 222	4
ATO 218	4	ATO 224	3
Arts & Humanities or Social & Behavioral Science	3	ATO 113	3
Summer Term	Communications course	3	

## Your Semester Plan of Study

Semester 1	Credits	Semester 2	Credits
Semester 3	Credits	Semester 4	Credits

### Important Dates to Remember:

#### Fall 2019 Semester:

April 8	Schedule available online..
<b>April 15</b>	<b>Veterans Priority Registration Day.</b>
<b>April 22</b>	<b>Registration begins at 7:30 a.m.</b>
<b>August 26</b>	<b>Fall semester begins</b>
September 3	Labor Day College Closed
September 6	Last day to withdraw without a "W" on transcript.
October 7	Fall Graduation Application deadline.

#### Spring 2020 Semester:

November 18	Schedule available online.
<b>November 25</b>	<b>Veterans Priority Registration Day.</b>
<b>December 2</b>	<b>Registration begins at 7:30 a.m.</b>
<b>January 21</b>	<b>Spring semester begins</b>
<b>January 28</b>	<b>Last day to withdraw without a "W" on transcript</b>
February 17	Spring Graduation Application deadline.
March 16-20	Spring Break
May 16	Graduation

#### Summer 2020 Semester:

March 30	Schedule available online
<b>April 6</b>	<b>Veteran's Priority Deadline</b>
<b>April 13</b>	<b>Summer Registration begins at 730 am</b>
<b>June 1</b>	<b>Summer session Begins</b>

Http:npc.edu/academic-calendar

### Additional Semesters as Needed

Semester 5	Credits	Semester 6	Credits
Semester 7	Credits	Semester 8	Credits

Total Estimated Program Cost	Cost
Tuition (2019)	\$4,928.00
Fees	\$1,620.00
Books	\$ 800-\$1200
<b>TOTAL:</b>	<b>\$7348.00.00 - \$7748.00</b>

\*Tuition, fees and books subject to change without notice. Total is an Estimate.

### Helpful Definitions and Websites

- See the cost savings in just tuition by completing the first two years of your bachelor's degree at NPC at [www.npc.edu/transferU](http://www.npc.edu/transferU)
- Find out more about NPC transfer agreements with other colleges and universities at [www.npc.edu/transfer-agreements](http://www.npc.edu/transfer-agreements)
- Learn all about Arizona's guaranteed transfer degrees to ASU, NAU and UofA at [www.aztransfer.com](http://www.aztransfer.com)
- NPC's **college catalog** is available online at [www.npc.edu/college-catalog](http://www.npc.edu/college-catalog) or from any campus or center adviser.
- **Articulation:** the process of determining the transfer and applicability of courses from one institution of higher education to another.
- **Course Equivalency Guide:** shows how community college courses transfer to the three state universities. It also has many equivalencies among the three state universities. It does **NOT** indicate how a course transfers to a specific degree program. Course equivalencies are "year specific" meaning that in order to see if course work will transfer, you must review the Course Equivalency Guide for the year in which you took the course.
- **Course Prefix:** generally three or four characters identifying a department or division in which a course is taught (*example: SOC is commonly used for Sociology courses*)
- **Prerequisites:** a course that must be completed prior to taking a subsequent course.
- **SUN#:** the Shared Unique Number (SUN) System identifies some of the transferable lower-division courses commonly offered at the three Arizona public universities and at least two Arizona community colleges. The system ensures that a SUN course at a participating institution will be accepted as a direct equivalent to the comparable SUN course at the other participating institution.