

Automotive Technology (ATO)

Associate of Applied Science (AAS) Degree

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Name: _		
ID#:		

SOC 225 Sociology of the Family

Areas Level I

Electrical &

Electronic

Systems

Required: ΑII Complete □

Level II

Required:

ΑII

Complete □

Level III

Required:

Αll

Complete \Box

Level IV

Required:

ΑII

Complete □

English/Com.

Required: 6-Credits Complete □

Required:

3-Credits Complete □ Social &

Behavioral

Sciences

Program Requirements	
GPA	2.0
Credits	64

Advising Check Sheet, 2017-18 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
Courses (Each course is worth 3 credits unless noted) □ ATO 103 Safety and Hazardous Materials (2 credits) □ ATO 207 Electrical and Electronic Systems I □ ATO 208 Electrical and Electronic Systems II □ ATO 209 Electrical and Electronic Systems III	Humanities	□ ART 101 Understanding Art □ ART 115 Art History I □ ART 116 Art History II □ ART 215 Native American Art □ ENL 220 World Literature I □ ENL 221 World Literature II □ ENL 224 English Literature II □ ENL 225 English Literature II □ ENL 230 American Literature II □ ENL 231 American Literature II
(Each course is worth 3 credits unless noted) □ ATO 107 Engine Repair I □ ATO 108 Engine Repair II (2 credits) □ ATO 109 Engine Performance I □ ATO 110 Engine Performance II (Each course is worth 3 credits unless noted) □ ATO 111 Engine Performance III □ ATO 112 Automatic Transmission Systems I		□ HUM 150 Humanities in the Western World I □ HUM 151 Humanities in the Western World II □ MUS 150 Music Appreciation □ MUS 250 World Music □ PHL 101 Introduction to Philosophy □ PHL 103 Introduction to Logic/critical Thinking □ PHL 105 Introduction to Ethics □ SPT 130 Introduction to Theatre □ SPT 150 Introduction to Film □ SPT 155 History of Television
ATO 112 Automatic Transmission Systems II ATO 205 Suspension and Steering Systems (4 credits) (Each course is worth 4 credits unless noted) ATO 114 Brake Systems I ATO 115 Brake Systems II ATO 210 Heating and Air Conditioning Systems ATO 212 Manual Drive Train and Axles	Math Required: 3-Credits Complete □	(Each course is worth 3 credits unless noted) □ BUS 133 Business Mathematics □ MAT 101 Basic Technical Math □ MAT 103 Business Mathematics □ MAT 109 Algebra I: Introductory □ MAT 112 Algebra II: Intermediate □ MAT 125 Introduction to Statistics
General Education Courses 16 Credits (Each course is worth 3 credits) □ ENL 101 College Composition I Plus one of the following: □ ENL 102 College Comp II (required for AGEC) □ ENL 109 Technical Writing		□ MAT 142 College Math with Con App □ MAT 152 Advanced Algebra □ MAT 161 Algebra Based Math EE I □ MAT 162 Algebra Based Math EE II □ MAT 189 Pre-Calculus Algebra/Trig □ MAT 211 Technical Calculus (4 credits) □ MAT 221 Calculus I (4 credits) □ MAT 231 Calculus II (4 credits) □ MAT 241 Calculus III (4 credits)
□ SPT 120 Public Speaking Students MUST choose one course from either Arts & Humanities OR Social & Behavioral Sciences. (Each course is worth 3 credits)	Physical & Biological Sciences Required: 4-Credits	(Each course is worth 4 credits) □ ANT 104 Biological Anthropology & Human Origins □ BIO 100 Biology Concepts □ BIO 105 Environmental Biology □ BIO 160 Introduction to Human Anatomy& Physiology
□ PSY 101 Introduction to Psychology □ *ANT 102 Cultural Anthropology □ ANT 120 Buried Cities and Lost Tribes □ ECN 211 Principles of Macroeconomics □ ECN 212 Principles of Microeconomics □ *GEO 110 World Regional Geography □ GEO 120 Human Geography □ *HIS 105 U.S. History to 1877 □ *HIS 106 U.S. History Since 1877 □ *HIS 155 Western Civilization to 1700 □ *HIS 156 Western Civilization since 1700 □ POS 110 American Government □ PSY 240 Developmental Psychology □ PSY 250 Social Psychology □ SOC 101 Introduction to Sociology □ SOC 121 Social Problems in America □ SOC 212 Sex and Gender in Society □ SOC 215 Ethnicity and Race	Total Credits	□ BIO 181 General Biology I □ BIO 182 General Biology II □ **CHM 130 Foundational Chemistry □ **CHM 151 General Chemistry I □ CHM 152 General Chemistry II □ GEO 111 Physical Geography □ GLG 101 Introduction to Geology I – Physical Geology □ GLG 102 Introduction to Geology II –Historical Geology □ PHY 113 General Physics I □ PHY 114 General Physics II

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)

Your Semester Plan of Study

Credits

Credits

Semester 2

Semester 4

Credits

Credits

Semester 1

Semester 3

Semester 1	Credits	Semester 2	Credits
ENL 101	3	Physical & Biological Science	4
ATO 103	2	ATO 107	3
ATO 207	3	ATO 108	3
ATO 208	3	ATO 109	3
ATO 209	3	ATO 110	3
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Semester 3	Credits	Semester 4	Credits
ATO 212	3	Semester 4 ATO 111	Credits 3
ATO 212	3	ATO 111	3
ATO 212 ATO 114	3	ATO 111 ATO 205	3

Summer Term	Communications course	3
	Math course	3

Additional	Semesters	as Needed

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

Total Estimated Program Cost	Cost
Tuition (2017)	\$4,608.00
Fees	\$1,000-\$1,300
Books	\$ 800-\$1200
TOTAL:	\$6,280.00 - \$6,980.00

^{*}Tuition, fees and books subject to change without notice. Estimate for 2015-16 and 2016-17 academic years.

Helpful Definitions and Websites

Important Dates to Remember:

Fall 2017 Semester:

April 10	Schedule available online.
April 15	FAFSA priority deadline.
April 21	Voterans Priority Registrati

eterans Priority Registration Day. April 24 Registration begins at 7:30 a.m. July 28 Last day for schedule changes for FAFSA. Financial Aid award available to students. August 4

August 21 Fall semester begins.

September 1 Last day to withdraw without a "W" on transcript.

October 3 Fall Graduation Application deadline.

Spring 2018 Semester:

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October 15	FAFSA Priority Deadline.
November 13	Schedule available online.
November 20	Veterans Priority Registration Day.
November 27	Registration begins at 7:30 a.m.
December 15	Last day for schedule changes for FAFSA.
December 22	Financial Aid award available to students.
January 16	Spring semester begins.
January 29	Last day to withdraw without a "W" on transcript
February 20	Spring Graduation Application deadline

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February 20 Spring Graduation Application deadline.

Summer 2018 Semester:

March 13	Schedule available online.
March 15	FAFSA Priority Deadline.
March 23	Veteran Priority Registration Day.
March 26	Registration begins at 7:30 a.m.
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June 4 Summer semester begins

Last day to withdraw without a "W" on transcript. June 5

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

- Find out more about NPC transfer agreements with other colleges and universities at www.npc.edu/transfer-agreements
- Learn all about Arizona's guaranteed transfer degrees to ASU, NAU and UofA at www.aztransfer.com
- NPC's college catalog is available online at 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)
- <u>Prerequisites</u>: 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.