Name: _____

ID#: _____

Program Requirements

GPA…………………………….…..2.0
Credits……………………….………64

The Welding program is designed to enable students to earn national certification for their welding skills from the National Center for Construction Education and Research (NCCER) and the AWS, the American Welding Society.

Core Courses 45 Credits

Areas	Courses
NCCER Level I **Required: All** Complete ☐	**(Each course is worth 2 credits unless noted)** ☐ WLD 100 Safety and Math ☐ WLD 170 Metal Preparation, Quality and Alignment ☐ WLD 171 Welding Cutting Process ☐ WLD 172 SMAW ARC (3 credits) ☐ WLD 173 SMAW Open Root Plate ☐ WLD 174 SMAW V-Groove with Backing
NCCER Level II **Required: All** Complete ☐	**(Each course is worth 3 credits unless noted)** ☐ WLD 175 GMAW Plate ☐ WLD 176 FCAW Plate ☐ WLD 177 GTAW (TIG) Plate ☐ WLD 178 Metallurgy, Drawing, and Symbols (2 credits)
NCCER Level III **Required: All** Complete ☐	**(Each course is worth 3 credits unless noted)** ☐ WLD 179 AWS Prep (2 credits) ☐ WLD 200 AWS Certification (4 credits) ☐ WLD 280 GMAW (MIG) Pipe ☐ WLD 281 FCAW Plate ☐ WLD 282 GTAW CS Pipe ☐ WLD 283 GTAW LA and SS Pipe ☐ WLD 284 SMAW CS Pipe

Elective Courses 3 credits

Required Electives **Required: 3-Credits** Complete ☐	Students must complete a minimum of 3 credits from the following ☐ WLD 134 Fundamentals of Plastic Welding (3 credits) ☐ WLD 288 Advanced Topics in Welding: Aluminum (6 credits) ☐ WLD 290 Welding Fabrication (3 credits) ☐ WLD 291 Internship for Welding (2 credits) ☐ Or any unduplicated 100-level course or higher (3 credits)

General Education Courses 16 Credits

English/Com. **Required: 6-Credits** Complete ☐	**(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 ☐ SPT 110 Fundamentals of Oral Communication ☐ SPT 120 Public Speaking
Physical & Biological Sciences **Required: 4-Credits** Complete ☐	**(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 ☐ 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

Areas	Courses
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 ☐ 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)
Required: 3-Credits	Students **MUST choose one course from either** Arts & Humanities **OR** Social & Behavioral Sciences. **(Each course is worth 3 credits)**
Arts & 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 I ☐ ENL 225 English Literature II ☐ ENL 230 American Literature I ☐ ENL 231 American Literature II ☐ ENL 238 Women's Literature ☐ FDV 220 Film Aesthetics ☐ 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 140 Principles of Drama ☐ SPT 150 Introduction to Film ☐ SPT 155 History of Television
Social & Behavioral Sciences	☐ 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 101 World History: Prehistoric to 1450 CE ☐ *HIS 102 World History: 1450 CE to Present ☐ *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 ☐ HIS 201 History of Women ☐ 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 & Gender in Society ☐ SOC 215 Ethnicity & Race ☐ SOC 225 Sociology of the Family

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.

Courses over 8 years old may be reevaluated for this program

Suggested Semester Plan of Study
(complete your degree in two years)

Semester 1	Credits	Semester 2	Credits
ENL 101	3	Physical & Biological Sciences	4
WLD 100	2	WLD 175	3
WLD 170	2	WLD 176	3
WLD 171	2	WLD 177	3
WLD 172	2	WLD 178	3
WLD 173	3		
WLD 174	2		

Semester 3	Credits	Semester 4	Credits
WLD 280	3	WLD 284	3
WLD 281	3	WLD 179	2
WLD 282	3	WLLD 200	4
WLD 283	3	WLD Elective	3+
Arts & Humanities OR Social Behavioral Science	3		

Summer Term		
	Communications course	3
	Math course	3

Your Semester Plan of Study

Semester 1	Credits	Semester 2	Credits

Semester 3	Credits	Semester 4	Credits

Additional Semesters as Needed

Semester 5	Credits	Semester 6	Credits

Semester 7	Credits	Semester 8	Credits

Important Dates to Remember:

Fall 2018 Semester:

April 9	Schedule available online..
April 16	**Veterans Priority Registration Day.**
April 23	**Registration begins at 7:30 a.m.**
August 20	**Fall semester begins.**
August 31	Last day to withdraw without a "W" on transcript.
September 3	Labor Day College Closed
October 2	Fall Graduation Application deadline.

Spring 2019 Semester:

November 13	Schedule available online.
November 19	**Veterans Priority Registration Day.**
November 26	**Registration begins at 7:30 a.m.**
January 14	**Spring semester begins..**
February 20	Spring Graduation Application deadline.
March 11-14	Spring Break
May 11	Graduation

Summer 2019 Semester:

March 11	Schedule available online
March 18	**Veteran's Priority Deadline**
March 23	**Summer Registration begins at 730 am**
June 3	**Summer session Begins**
June 4	**Last day to withdraw without a "W" on transcript**

Http:npc.edu/academic-calendar

Total Estimated Program Cost	Cost
Tuition (2018)	$4,736
Fees	$1,000-$1,300
Books	$ 800-$1200
TOTAL:	$6536.00-$7236.00

*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**

- 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)*

- 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.