



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
<p>Areas</p> <p>NCCER Level I Required: All Complete <input type="checkbox"/></p> <p>(Each course is worth 2 credits unless noted)</p> <p><input type="checkbox"/> WLD 100 Safety and Math <input type="checkbox"/> WLD 170 Metal Preparation, Quality and Alignment <input type="checkbox"/> WLD 171 Welding Cutting Process <input type="checkbox"/> WLD 172 SMAW ARC (3 credits) <input type="checkbox"/> WLD 173 SMAW Open Root Plate <input type="checkbox"/> WLD 174 SMAW V-Groove with Backing</p>		Math	(Each course is worth 3 credits unless noted)
<p>NCCER Level II Required: All Complete <input type="checkbox"/></p> <p>(Each course is worth 3 credits unless noted)</p> <p><input type="checkbox"/> WLD 175 GMAW Plate <input type="checkbox"/> WLD 176 FCAW Plate <input type="checkbox"/> WLD 177 GTAW (TIG) Plate <input type="checkbox"/> WLD 178 Metallurgy, Drawing, and Symbols (2 credits)</p>		Required: 3-Credits Complete <input type="checkbox"/>	<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)
<p>NCCER Level III Required: All Complete <input type="checkbox"/></p> <p>(Each course is worth 3 credits unless noted)</p> <p><input type="checkbox"/> WLD 179 AWS Prep (2 credits) <input type="checkbox"/> WLD 200 AWS Certification (4 credits) <input type="checkbox"/> WLD 280 GMAW (MIG) Pipe <input type="checkbox"/> WLD 281 FCAW Plate <input type="checkbox"/> WLD 282 GTAW CS Pipe <input type="checkbox"/> WLD 283 GTAW LA and SS Pipe <input type="checkbox"/> WLD 284 SMAW CS Pipe</p>		Required: 3-Credits	Students MUST choose one course from either Arts & Humanities OR Social & Behavioral Sciences. (Each course is worth 3 credits)
<p>Elective Courses 3 credits</p> <p>Required Electives Required: 3-Credits Complete <input type="checkbox"/></p> <p>Students must complete a minimum of 3 credits from the following</p> <p><input type="checkbox"/> WLD 134 Fundamentals of Plastic Welding (3 credits) <input type="checkbox"/> WLD 288 Advanced Topics in Welding: Aluminum (6 credits) <input type="checkbox"/> WLD 290 Welding Fabrication (3 credits) <input type="checkbox"/> WLD 291 Internship for Welding (2 credits) <input type="checkbox"/> Or any unduplicated 100-level course or higher (3 credits)</p>		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 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"/> 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
<p>General Education Courses 16 Credits</p> <p>English/Com. Required: 6-Credits Complete <input type="checkbox"/></p> <p>(Each course is worth 3 credits)</p> <p><input type="checkbox"/> ENL 101 College Composition I</p> <p>Plus one of the following:</p> <p><input type="checkbox"/> ENL 102 College Comp II (required for AGEC) <input type="checkbox"/> ENL 109 Technical Writing <input type="checkbox"/> SPT 110 Fundamentals of Oral Communication <input type="checkbox"/> SPT 120 Public Speaking</p>		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 1450 CE <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 <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 in America <input type="checkbox"/> SOC 212 Sex & Gender in Society <input type="checkbox"/> SOC 215 Ethnicity & Race <input type="checkbox"/> SOC 225 Sociology of the Family
<p>Physical & Biological Sciences Required: 4-Credits Complete <input type="checkbox"/></p> <p>(Each course is worth 4 credits)</p> <p><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</p>			

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

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

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

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.