

ID#:

Name: ___

Northland Pioneer College

Welding (WLD) Associate of Applied Science (AAS) Degree 2019-20

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Core Courses 45 Credits

Program Requirements	
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GPA2.0	
Credits64	

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. Areas Courses Math (Fach course is worth 3 credits unless noted)

Areas	Courses	Math	(Each course is worth 3 credits unless noted)		
NCCER Level I <u>Required:</u> 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 	Required: 3-Credits Complete □	 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 		
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) 		 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) 		
NCCER Level III	(Each course is worth 3 credits unless noted)	<u>Required:</u> 3-Credits	Students <u>MUST choose one course from either</u> Arts & Humanities <u>OR</u> Social & Behavioral Sciences. (Each course is worth 3 credits)		
Required: All Complete []	 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 	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 		
	Elective Courses 3 credits		ENL 224 English Literature I ENL 225 English Literature II ENL 225 English Literature II		
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		 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		
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 140 Principles of Drama □ SPT 150 Introduction to Film □ SPT 155 History of Television	 SPT 130 Introduction to Theatre SPT 140 Principles of Drama SPT 150 Introduction to Film SPT 155 History of Television
	□ SPT 110 Fundamentals of Oral Communication □ SPT 120 Public Speaking	Social & Behavioral Sciences	 PSY 101 Introduction to Psychology *ANT 102 Cultural Anthropology ANT 120 Buried Cities and Lost Tribes 		
Physical & Biological Sciences <u>Required:</u> 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 102 Introduction to Geology II – Physical Geology GLG 102 Introduction to Geology II – Historical Geology PHY 113 General Physics I PHY 114 General Physics II 		 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 201 History of Women POS 110 American Government PSY 240 Developmental Psychology SOC 101 Introduction to Sociology SOC 121 Social Problems in America 		
Disability Reso	Ident with a disability and need accommodations, please contact the purce and Access office located at the White Mountain Campus. The pater Sandy Manor travels to all NPC campuses and centers		 SOC 212 Sex & Gender in Society SOC 215 Ethnicity & Race SOC 225 Sociology of the Family 		

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	Sem	ester 2		Credits
ENL 101	3	Physical & Bio	logical Science	ces	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	Sem	ester 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 Comm	unications c	ourse	3		
Math o	ourse		3		

Important Dates to Remember:

Fall 2019 Semester:

April 8	Schedule available online
April 15	Veterans Priority Registration Day.
April 22	Registration begins at 7:30 a.m.
August 26 **	Fall semester begins (start dates vary, contact advisor)
September 6	Last day to withdraw without a "W" on transcript.
September 2	Labor Day College Closed
October 7	Fall Graduation Application deadline.

Spring 2020 Semester:

November 18 November 25	Schedule available online. Veterans Priority Registration Day.
January 21 **	Spring semester begins (start dates vary, contact advisor)
January 28	Last day to withdraw without a "W" on transcript
February 17	Spring Graduation Application deadline.
March 16-20	Spring Break
May 16	Graduation

Summer 2020 Semester:

March 30	Schedule available online
April 3	Veteran's Priority Deadline
April 13	Summer Registration begins at 730 am
June 1	Summer session Begins

Your Semester Plan of Study

Credits	Semester 2	Credits
Credits	Semester 4	Credits

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 (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.
- <u>Course Equivalency Guide</u>: shows how community college courses transfer to the three state universities. It also has many equivalencies among the three state universities. It does <u>NOT</u> 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.
- <u>Course Prefix</u>: 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.
- <u>SUN#</u>: 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.