

**Northland Pioneer College**  
**ASSOCIATE OF APPLIED SCIENCE (AAS)**  
**WELDING**

2009-2010 Catalog Year  
*NPC Advising Checksheet - Minimum of 64 Credits*

<b>Student Name:</b>	<b>Student ID:</b>
<b>Advisor Name:</b>	<b>Date:</b>

I. GENERAL EDUCATION REQUIREMENTS (16 CRS)				II. DISCIPLINE STUDIES (7 CRS)			
	CRS	GR	SEM		CRS	GR	SEM
<b>COMMUNICATIONS (6 CRS)</b>				<b>PHYSICAL &amp; BIOLOGICAL SCIENCES</b>			
ENL 101	3				4		
ENL 102	3						
<i>OR</i>				<b>ARTS &amp; HUMANITIES</b>			
ENL 109	3				3		
<i>OR</i>				<i>OR</i>			
SPT 120	3						
<b>MATHEMATICS (3 CRS)</b>				<b>SOCIAL &amp; BEHAVIORAL SCIENCES</b>			
MAT 101	3				3		
<i>OR</i>							
MAT 152	3						

III. CORE REQUIREMENTS (45 CRS)				V. REQUIRED ELECTIVES (3 CRS)			
	CRS	GR	SEM		CRS	GR	SEM
<b>Level I (19 CRS)</b>				Student must complete a minimum of 3 credits from the following:			
WLD 100	2						
WLD 150	2			WLD 156	2		
WLD 151	3			WLD 157	4		
WLD 152	3			WLD 240	2		
WLD 153	3			WLD 241	2		
WLD 154	3			WLD 242	2		
WLD 155	3			WLD 243	2		
				WLD 290	3		
<b>Level II (26 CRS)</b>				WLD 291	2		
WLD 260	2						
WLD 261	3						
WLD 262	3						
WLD 263	3						
WLD 264	3						
WLD 265	3						
WLD 266	3						
WLD 267	3						
WLD 268	3						

The Associate of Applied Science (AAS) Degree is designed for specialization in vocational or technical fields and requires completion of a minimum of 64 credits with a cumulative grade point average of 2.0 on a 4.0 scale.

**ASSOCIATE OF APPLIED SCIENCE COURSES  
2009-2010 Catalog Year**

Specific programs may designate or limit course options. The General Education requirements for certain programs may exceed 16 credit minimum.

**COMMUNICATIONS (6 CREDITS)**  
*See specific program requirements*

**MATHEMATICS (3-4 CREDITS)**  
*See specific program requirements*

**DISCIPLINE STUDIES (7 CREDITS)**--unless otherwise noted in a program description, students must take one course from Physical and Biological Sciences and one course from either Arts and Humanities or Social and Behavioral Sciences.

**ARTS AND HUMANITIES**

ART 101 Understanding Art  
ART 115 Art History I  
ART 116 Art History II  
ENL 220 World Literature I  
ENL 221 World Literature II  
ENL 224 English Literature I  
ENL 225 English Literature II  
HUM 150 Humanities—Western World I  
HUM 151 Humanities—Western World II  
MUS 150 Music Appreciation  
PHL 101 Introduction to Philosophy  
PHL 105 Introduction to Ethics  
SPT 130 Introduction to Theatre  
SPT 150 Introduction to Film  
SPT 155 History of Television

**PHYSICAL AND BIOLOGICAL SCIENCES**

BIO 100 Biology Concepts  
BIO 105 Environmental Biology  
BIO 160 Intro to Human Anatomy & Physiology  
BIO 181 General Biology I  
BIO 182 General Biology II  
BIO 201 Human Anatomy and Physiology I  
BIO 202 Human Anatomy and Physiology II  
CHM 130 Fundamental Chemistry  
CHM 151 General Chemistry I  
CHM 152 General Chemistry II  
GEO 111 Physical Geography  
GLG 101 Introduction to Geology I—Physical  
GLG 102 Introduction to Geology II—Historical  
PHY 113 General Physics I  
PHY 114 General Physics II

**SOCIAL AND BEHAVIORAL SCIENCES**

ANT 102 Cultural Anthropology  
BUS 140 Principles of Economics—Macro  
BUS 141 Principles of Economics—Micro  
GEO 110 World Regional 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 101 Introduction to Psychology  
PSY 200 Psychology of Adjustment  
PSY 240 Developmental Psychology  
SOC 120 General Sociology  
SOC 121 Social Problems in America  
SOC 130 Racial, Ethnic and Gender Relations  
SOC 225 Sociology of the Family

**WELDING REQUIRED ELECTIVES - Student must complete a minimum of 3 credits from the following:**

WLD 156 AWS Level 1 (Certification Preparation)  
WLD 157 AWS Level 1 Certification (Entry Level Welder)  
WLD 240 Intro to Plastics  
WLD 241 Plastic Welding  
WLD 242 Fabrication of Plastics  
WLD 243 Plastic Welding  
WLD 290 Welding Fabrication  
WLD 291 Internship for Welding