

**Associate of Applied Science – Welding (AAS) - 2025-26 Catalog** Blocks are suggested for full-time students, but may be adjusted based on course scheduling, student employment, or individual needs. Courses Highlighted lead to the Certificate of Proficiency.

<b>Welding Level 1</b>	Certificate of Proficiency
<b>Welding Level 2</b>	Certificate of Proficiency (Requires welding level 1)
<b>Welding Level 3</b>	Certificate of Proficiency (Requires welding levels 1 & 2)

### First Block

X	Course	Notes	credits
	ENL 101 College Composition I *	Requires Placement	3
	WLD 100 Math and Safety		2
	WLD 170 Metal Preparation, Quality & Alignment *	WLD 100-Corequisite	2
	WLD 171 Welding Cutting Process *		2
	WLD 172 SMAW Arc *	WLD 100-Corequisite	3
	WLD 173 SMAW Open Root Plate *	WLD 100 & WLD 172-Corequisites	2
	WLD 174 SMAW V-Groove with Backing *	WLD 100 & WLD 172-Prerequisites	2

### Second Block

X	Course	Notes	credits
	WLD 175 GMAW Plate *	WLD 100- Corequisite	3
	WLD 176 FCAW Plate *	WLD 100-Corequisite	3
	WLD 177 GTAW (TIG) Plate *	WLD 100-Corequisite	3
	WLD 178 Metallurgy, Drawing & Symbols *	WLD 100 & WLD 170-Corequisites	2
	Physical & Biological Science *	GLG 101 Introduction to Geology I ( <i>Recommended</i> )	4

### Third Block

X	Course	Notes	credits
	Communications OR ENL 102 College Composition II *	SPT 120 Public Speaking ( <i>Recommended</i> )	3
	Math*	Requires Placement	3

### Fourth Block

X	Course	Notes	credits
	WLD 280 GMAW (MIG) Pipe *	WLD 100 & WLD 175-Corequisites	3
	WLD 281 FCAW Pipe *	WLD 100 & WLD 176-Corequisites	3
	WLD 282 GTAW CS Pipe *	WLD 100 & WLD 177-Corequisites	3
	WLD 283 GTAW LA and SS Pipe *	WLD 100 & WLD 177-Corequisites	3
	Arts & Humanities <u>OR</u> Social & Behavioral Sciences *	Requires Placement	3

### Fifth Block

X	Course	Notes	credits
	WLD 284 SMAW CS Pipe *	WLD 100 & WLD 173-Corequisites	3
	WLD 179 AWS Prep *	Level 1 & Level 2 Welding certificates	2
	WLD 200 AWS Certification *	Level 1 & Level 2 Welding certificates	4
	WLD Elective		3

### Key

\* = Prerequisite (Speak with your Academic Advisor or check the notes section for more information.)

General education options are located in section IV, Programs, of the NPC college catalog. To be sure your general education course applies to your degree, speak with your Academic Advisor. The online version of the college catalog is located on our public website: <https://www.npc.edu/college-catalog>

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