



## TRADES PROGRAM: WELDING TECHNOLOGY CERTIFICATE - 1 + 0.25

Students will begin the program Senior year and finish in September after graduation.

PTC Orientation with families will occur before students begin the program.

Tuition for WA students while in high school for PTC courses will be \$100/credit (\$50/credit for dual enrollment courses).

Recom. Timeframe	Senior Year (All classes @ PTC)		WA Credits	PTC Credits
Oct - Dec	GSD005 - Steps to Career Success 1 (1D-2H)	WA Social Studies Credit	1	1
Oct - Dec	WEL105 - Math for Welders (2D-2H)	0317 HEC Algebra 2 (WA RMU-MATH 1010: College Math)	1	4
Oct - Dec	WEL101 - Intro to Welding (1D-5H)	WA Science Credit	1	3
Oct - Dec	WEL116 - Metal Cutting (1D-5H)	WA Elective Credit	1	3
Oct - Dec	WEL126 - Blueprint Reading & Welding Symbols (1D-3H)	WA Elective Credit	1	3
<b>TOTAL in Oct - Dec Quarter</b>			<b>5</b>	<b>14</b>
Jan - Apr	WEL214 - Shielded Metal Arc Welding (2D-3/6H)	WA Elective Credit	1	6
Jan - Apr	WEL411 - Gas Tungston Arc Welding (1D-5H)	WA Elective Credit	1	3
Jan - Apr	WEL401 - Gas Metal Arc Welding (1D-5H)	WA Elective Credit	1	3
Jan - Apr	GEM206 - Personal Finance (2D-2H)	WA Math Credit	1	4
<b>TOTAL in Jan - Apr Quarter</b>			<b>4</b>	<b>16</b>
Apr - Jul	WEL306 - Welding Certification/Prep (1D-5H)	WA Elective Credit	1	3
Apr - Jul	GSD180 - Career Development (1D-2H)	WA Elective Credit	1	2
Apr - Jul	WEL326 - SMAW Pipe Welding (1D-9H)	WA Elective Credit	1	5
Apr - Jul	WEL336 - Advanced Plate Welding (1D-6H)	WA Elective Credit	1	3
<b>TOTAL in Apr - July Quarter</b>			<b>4</b>	<b>13</b>
<b>TOTAL in Senior Year</b>			<b>13</b>	<b>43</b>
Recom. Timeframe	First year after graduation		PTC Credits	
July - Sept	WEL421 - MIG & TIG Prep (1D-4H)	WA Elective Credit	2	
July - Sept	WEL431 - Flux Core Arc Welding (1D-5H)	WA Elective Credit	3	
July - Sept	WEL436 - Blueprints 2 (1D-7H)	WA Elective Credit	5	
July - Sept	GEM130 - Geometry (2D-2H)	WA Elective Credit	4	
July - Sept	WEL012 - Steps to Career Success (1D-2H)	WA Elective Credit	1	
July - Sept	WEL441 - Exotic Metals (1D-4HR)	WA Elective Credit	2	
<b>Total for first year after graduation:</b>			<b>17</b>	

\*Courses/curriculum are subject to change at the college's discretion.

Updated January 2024