



**TRADES PROGRAM:
WELDING TECHNOLOGY ASSOCIATE DEGREE - 1 + 1**

Students will begin the program Senior year and finish in April 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	Freshman/Sophomore/Junior Year		WA Credits	PTC Credits
Full year @ WA	GEM130 - Geometry	0317 HEC Algebra 2 (WA ECIHSA-RMU - MATH 1010 College Mathematics)	1	4
Full year @ WA	GEE 100 - English Composition 1 GEE 316 - Technical Report Writing	0122 AP Eng Lang & Comp (WA ECIHSA-RMU - CSEN 1010: Reading & Writing Strategies & CSEN 1020: Argument & Research)	1	8
Full year @ WA	GES 131 - Ethics	0249 AP Psychology (WA ECIHSA-RMU - PSYC 1010: General Psychology)	1	4
Full year @ WA	GEE 212 - Effective Speech	0151 Oral Communications (WA ECIHSA-RMU - CSCM 1030: Communications, Public Speaking and Persuasion)	1	4
Full year @ WA	WEL105 - Math for Welders	0320 AP Precalculus (WA ECIHSA-RMU - MATH 1020 Precalculus)	1	4
Full year @ WA	GEM206 - Personal Finance	0735 Personal Finance (WA ECIHSA-PTC - GEM 206: Personal Finance)	1	4
TOTAL in Freshman/Sophomore/Junior Year			6	28
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	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
TOTAL in Oct - Dec Quarter			4	10
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	GES151 - Critical Thinking (2D-2H)	WA Math Credit	1	4
TOTAL in Jan - Apr Quarter			4	16
Apr - July	WEL306 - Welding Certification/Prep (1D-5H)	WA Elective Credit	1	3
Apr - July	WEL326 - SMAW Pipe Welding (1D-9H)	WA Elective Credit	1	5
Apr - July	WEL336 - Advanced Plate Welding (1D-6H)	WA Elective Credit	1	3
TOTAL in Apr - July Quarter			3	11
TOTAL in High School			17	65
Recom. Timeframe	First year after graduation		Credits	
July - Sept	WEL421 - MIG & TIG Prep (1D-4H)		2	
July - Sept	WEL436 - Blueprints 2 (1D-7H)		5	
July - Sept	WEL431 - Flux Core Arc Welding (1D-5H)		3	
July - Sept	WEL012 - Steps to Career Success 2 (1D-1H)		1	
Credits			11	
Oct - Dec	WEL218 - Advanced Pipe Welding (2D-4/5H)		5	
Oct - Dec	WEL441 - Exotic Metals (1D-4HR)		2	
Oct - Dec	GSD180 - Career Development (1D-2H)		1	
Credits			8	
Jan - Apr	GES201 - Human Relations in ORG (2D-2H)		4	
Jan - Apr	WEL406 - GTAW Pipe Welding (1D-6H)		3	
Jan - Apr	WEL416 - GTAW/SMAW Pipe Welding (2D-4/5H)		5	
Jan - Apr	WEL427 - GTAW Tube (1D-6H)		3	
Credits			15	
Apr - July	GS1199 - Internship		12	
Credits			12	
Total for first year after graduation			46	

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

Updated January 2024