



TRADES PROGRAM: HVAC TECHNOLOGY CERTIFICATE - 1 + 0.5

Students will begin the program Senior year and finish in December 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	GEM121: College Mathematics	0317 HEC Algebra 2 (WA ECIHSA-RMU - MATH 1010 College Mathematics) OR 0320 AP Precalculus (WA ECIHSA-RMU - MATH 1020 Precalculus)	1	4
TOTAL in Freshman/Sophomore/Junior Year			1	4
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	HVA109 - Fundamentals of Electricity (2D-3H)	WA Science Credit	1	5
Oct - Dec	HVA114 - Fundamentals of Refrigeration (2D-3H)	WA Math Credit	1	4
Oct - Dec	HVA172 - Sheet Metal Fabrication (1D-6H)	WA Elective Credit	1	4
TOTAL in Oct - Dec Quarter			4	14
Jan - Apr	HVA113 - Heating Systems 1 (1D-6H)	WA Elective Credit	1	4
Jan - Apr	HVA134 - Residential Refrigeration (2D-4H)	WA Elective Credit	1	6
Jan - Apr	HVA139 - Customer Service (1D-3H)	WA Math Credit	1	3
TOTAL in Jan - Apr Quarter			3	13
Apr - July	GSD180 - Career Development (1D-2H)	WA Elective Credit	1	2
Apr - July	HVA129 - Heating Systems 2 (2D-4H)	WA Elective Credit	1	5
Apr - July	HVA138 - Hydronics (1D-6H)	WA Science Credit	1	4
TOTAL in Apr - July Quarter			3	11
TOTAL in High School			11	42
Recom. Timeframe	First year after graduation		PTC Credits	
July - Sept	HVA153 - Load Calculations & Psychrometrics		3	
July - Sept	HVA159 - Troubleshooting 1		4	
July - Sept	HVA169 - Certification Preparation		5	
Credits			12	
Oct - Dec	GSI199 - Internship		12	
Credits			12	
Total for first year after graduation:			24	

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

Updated January 2024