



**TRADES PROGRAM:
HVAC TECHNOLOGY CERTIFICATE - 2 + 0.25**

Students will begin the program Junior year and finish in October after graduation.
Students will need to take two ELA credits during their junior year to meet graduation requirements.
PTC Orientation with families will occur before students begin the program.

Recom. Timeframe	Freshman/Sophomore Year		WA Credits	PTC Credits	WA Cost	PTC Cost
Full year @ WA	GEM 120: College Mathematics	0317 HEC Algebra 2 (WA CCAC ECISHA - MAT 108)	1	4	\$118	\$1,040
College Fees					\$25	\$150
TOTAL in Freshman/Sophomore Year			1	4	\$143	\$1,190
Recom. Timeframe	Junior Year (Classes @ PTC 11:30 - 2:30)		WA Credits	PTC Credits	WA Cost	PTC Cost
Oct - Jan	GSD 005 - Steps to Career Success 1 (1D-1H)	WA Social Studies Credit	1	1	\$100	\$260
Oct - Jan	HVA 109 - Fundamentals of Electricity (2D-3H)	WA Science Credit	1	5	\$500	\$1,300
Oct - Jan	HVA 113 - Heating Systems 1 (3D-3/3/2)	WA Math Credit	1	5	\$500	\$1,300
Jan - Apr	HVA 119 - Welding & Sheet Metal Fabrication (2D-3H)	WA Elective Credit	1	4	\$400	\$1,040
Jan - Apr	HVA 153 - Load Calculations & Psychometrics (2D-3H)	WA Math Credit	1	6	\$600	\$1,560
College Fees					\$0	\$900
TOTAL in Junior Year			5	21	\$2,100	\$6,360
Recom. Timeframe	Senior Year (All classes @ PTC)		WA Credits	PTC Credits	WA Cost	PTC Cost
Oct - Jan	HVA 129 - Heating Systems 2	WA Elective Credit	1	6	\$600	\$1,560
Oct - Jan	HVA 134 - Residential Refrigeration	WA Elective Credit	1	6	\$600	\$1,560
College Fees					\$0	\$600
TOTAL in Oct-Jan Quarter			2	12	\$1,200	\$3,720
Jan - Apr	HVA 124 - Cust Serv & Career Dev for HVAC	WA Elective Credit	1	6	\$600	\$1,560
Jan - Apr	HVA 138 - Hydronics	WA Science Credit	1	4	\$400	\$1,040
Jan - Apr	HVA 144 - HVAC-R Controls	WA Elective Credit	1	4	\$400	\$1,040
Jan - Apr	HVA 149 - Commercial Refrigeration	WA Elective Credit	1	5	\$500	\$1,300
College Fees					\$0	\$600
TOTAL in Jan - Apr Quarter			4	19	\$1,900	\$5,540
Apr - July	HVA 158 - Troubleshooting & Diagnostics	WA Elective Credit	1	3	\$300	\$780
Apr - July	HVA 164 - Chiller Systems	WA Elective Credit	1	4	\$400	\$1,040
Apr - July	HVA 169 - Certification Preparation	WA Elective Credit	1	5	\$500	\$1,300
College Fees					\$0	\$600
TOTAL in Apr - July Quarter			3	12	\$1,200	\$3,720
TOTAL in Senior Year			9	43	\$4,300	\$12,980
Students graduate in May/June - total cost during high school:					\$6,543	

Recom. Timeframe	First year after graduation	PTC Credits	PTC Cost
July - Oct	GSI 199 - Internship	12	\$3,120
College Fees			\$600
Credits		12	\$3,720
Total for first year after graduation:		12	\$3,720
Total cost of program for WA student:			\$10,263

*Costs based on 2021-2022 tuition rates and are subject to change yearly.