



## TRADES PROGRAM: HVAC TECHNOLOGY CERTIFICATE - 1 + 0.5

Students will begin the program Senior year and finish in January 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.

Recom. Timeframe	Freshman/Sophomore/Junior Year		WA Credits	PTC Credits
Full year @ WA	GEM 121: College Mathematics	0317 HEC Algebra 2 (WA CCAC ECISHA - MAT 108)	1	4
<b>TOTAL in Freshman/Sophomore/Junior Year</b>			<b>1</b>	<b>4</b>
Recom. Timeframe	Senior Year (All classes @ PTC)		WA Credits	PTC Credits
Oct - Jan	GSD 005 - Steps to Career Success 1	WA ELA Credit	1	1
Oct - Jan	HVA 109 - Fundamentals of Electricity	WA Science Credit	1	5
Oct - Jan	HVA 113 - Heating Systems 1	WA Math Credit	1	4
Oct - Jan	HVA 119 - Welding & Sheet Metal Fabrication	WA Elective Credit	1	4
<b>TOTAL in Oct - Jan Quarter</b>			<b>4</b>	<b>14</b>
Jan - Apr	HVA 129 - Heating Systems 2	WA Elective Credit	1	5
Jan - Apr	HVA 134 - Residential Refrigeration	WA Elective Credit	1	5
Jan - Apr	HVA 153 - Load Calculations & Psychometrics	WA Math Credit	1	6
<b>TOTAL in Jan - Apr Quarter</b>			<b>3</b>	<b>16</b>
Apr - July	HVA 124 - Cust Serv & Career Dev for HVAC	WA Elective Credit	1	6
Apr - July	HVA 138 - Hydronics	WA Science Credit	1	4
Apr - July	HVA 144 - HVAC-R Controls	WA Elective Credit	1	4
Apr - July	HVA 149 - Commercial Refrigeration	WA Elective Credit	1	5
<b>TOTAL in Apr - July Quarter</b>			<b>4</b>	<b>19</b>
<b>TOTAL in Senior Year</b>			<b>11</b>	<b>49</b>
Recom. Timeframe	First year after graduation		PTC Credits	
July - Oct	HVA 158 - Troubleshooting & Diagnostics		3	
July - Oct	HVA 164 - Chiller Systems		4	
July - Oct	HVA 169 - Certification Preparation		5	
<b>Credits</b>			<b>12</b>	
Oct - Jan	GSI 199 - Internship		12	
<b>Credits</b>			<b>12</b>	
<b>Total for first year after graduation:</b>			<b>24</b>	