

	Intro	Math	Gas Codes	Gas Service	Boilers	Electrical	Cust Serv	Oil	Cooling & H/P	Comm Refrig	HVAC Access	Sys Design	EPA	Interns	Finals 1.5 Week	NW HVAC Total Hrs- 1 Year
<i>Northwest HVAC/R Hours = 1036 minimum</i>	60	30	60	75	30	173	31	35	193	85	20	40	25	129	50	1036
<i>Idaho Apprentice Class Outline- 576 max</i>																
<i>Customer Service - 3 hours</i>							3									3
<i>Basic Safety - 18 hours</i>	2			3	1	6		2	2	2						18
<i>Basic Electricity - 45 hours</i>						45										45
<i>Basic Math - 9 hours</i>		9														9
<i>Energy sources - 12 hours</i>	2	2		2	1	1		1	1		2					12
<i>Intro to Applied Science - 24 hours</i>	4	8		4		4			4							24
<i>Basic hand and power tools - 12 hours</i>	4			2		2			4							12
<i>Introduction to code - 9 hours</i>	3			2		2		2								9
<i>Basic systems overview - 12 hours</i>	2			2	2	2		1	3							12
																0
<i>Fuel Piping and Venting - 60 hours</i>			60													60
<i>Introduction to blueprints and specifications - 24 hours</i>	8			2	2	2			6			4				24
<i>Appliance Installation - 24 hours</i>				6	6				6	6						24
<i>Heat Gain/Loss - 21 hours</i>												21				21
<i>Indoor Air Quality - 15 hours</i>											15					15
																0
<i>Basic Controls - 30 hours</i>						30										30
<i>System Air Flow and Duct Sizing - 30 hours</i>	3			3	3			3	3			15				30
<i>Basic Air conditioning and refrigeration - 30 hours</i>									15	15						30
<i>Introduction to Hydronics - 6 hours</i>					6											6
<i>Basic Sheet Metal - 39 hours</i>	32	2		1	1			1	1		1					39
<i>Introduction to Service - 9 hours</i>				2	2		2	1	2							9
																0
<i>Introduction to Testing and Air Balance - 12 hours</i>				6	1	1			2		2					12
<i>Introduction to HVAC control strategies - 6 hours</i>						6										6
<i>Advanced Air Conditioning and Heat Pumps - 39 hours</i>									39							39
<i>Advanced Service - 24 hours</i>				4	4	4		4	4	4						24
<i>System Integration and Design (Project Format) 12 hours</i>		2		2	2	4			2							12
<i>Code Review - 42 hours</i>				7		7		7	7	7					7	42
<i>Project management - 9 hours</i>							9									9
<i>Idaho Hours Required- 4 years</i>																576
<i>NW HVAC/R Additional Hrs taught- 1 year</i>																460
<u>Additional Training /Certs Received</u>																
Heat Pump Commissioning Cert- Inland Power																
Daikin Minisplit Training serv/install																
Lennox Factory Rep Training- serv/install																
Rudd Factory Rep Training- serv/install																
Carrier Factory Rep Training- serv/install																
Trac-Pipe Certification																
City of Spokane Gas License																
EPA Certification- min Type I & II																

Summary of comparison to Idaho curriculum. Note- there are several crossover areas in different subjects that are not outlined above.