

Program Name:

HVAC

2021-2022 SCOPE & SEQUENCE

**Secondary Scope & Sequence for**

- ⊙ Technical - Major units and levels with estimated hours
- ⊙ Academic - Recommended

Subject – Hours	Level I	Estimate of Hours	Level II	Estimate of Hours	Level III	Estimate of Hours
Technical	Introduction to HVAC	18	Introduction to HVAC	6	Introduction to HVAC	0
	Basic Safety	80	Basic Safety	20	Basic Safety	0
	Tools for HVAC/R	40	Tools for HVAC/R	0	Tools for HVAC/R	0
	Blueprint Reading	8	Blueprint Reading	8	Blueprint Reading	8
	Piping Practices	58	Piping Practices	48	Piping Practices	24
	Basic Electricity	56	Basic Electricity	36	Basic Electricity	68
	Introduction to Cooling	48	Introduction to Cooling	84	Introduction to Cooling	28
	Introduction to Heating	21	Introduction to Heating	49	Introduction to Heating	112
Technical	Air Distribution Systems	24	Air Distribution Systems	36	Air Distribution Systems	12
	Introduction to Hydronic Systems	10	Introduction to Hydronic Systems	0	Introduction to Hydronic Systems	50
	Leak Detection, Evacuation, Recovery and Charging	12	Leak Detection, Evacuation, Recovery and Charging	72	Leak Detection, Evacuation, Recovery and Charging	2
	Troubleshooting Gas Heat	0	Troubleshooting Gas Heat	0	Troubleshooting Gas Heat	50
	Troubleshooting Cooling	0	Troubleshooting Cooling	16	Troubleshooting Cooling	32
	Heat Pumps	20	Heat Pumps	20	Heat Pumps	21
	Computer Fundamentals	12	Computer Fundamentals	12	Computer Fundamentals	0
		<b>407</b>		<b>407</b>		<b>407</b>