

SIMS

FALL 2025 (202610)

Trimester	Course Code	Description	Hours	Award	Total Hours
1	HVA 0001	Worker Characteristic	6		
1	HVA 1010	Technology Foundations	30		
1	HVA 1020	OSHA	10		
1	HVA 1030	Shop Safety	24		
1	HVA 1051	Fundamentals of HVAC/R & Green Awareness	144	Fund HVAC/R & Green Awareness	
1	HVA 1060	Electricity and Controls I	130		
1	HVA 1070	Installation	76		
1	HVA 1090	Employment Readiness Exam	12		
HVAC Mechanic Assistant				Certificate C1	432
2	HVA 0002	Worker Characteristic	6		
2	HVA 2010	Introduction to System Service	134		
2	HVA 2021	Basic Automatic Controls	110		
2	HVA 2031	Motors	110		
2	HVA 2040	Domestic Appliances	30		
2	HVA 2050	EPA	30		
2	HVA 2060	Employment Readiness Exam	12		
Domestic Unit Repair				Certificate C2	864
3	HVA 0003	Worker Characteristic	6		
3	HVA 3010	Gas Electric and Heat	180		
3	HVA 3020	Air Conditioning (Cooling)	72		
3	HVA 3030	Heat Pumps	108		
3	HVA 3040	Carbon Monoxide	36		
3	HVA 3050	All Weather Systems Exam	30		
Heating, Ventilation, and Air Conditioning Technician				Diploma D1	1296
Refrigeration Technician				Diploma D2	1296 Knoxville Only
ELECTIVES					
4	HVA 0004	Worker Characteristic	6		
4	HVA 4010	Electricity and Controls II	156		
4	HVA 4020	Commercial Refrigeration	252		
4	HVA 4030	Employment Readiness Exam	18		
Heating, Ventilation, Air Conditioning, and Refrigeration Technician				Diploma DP1	1728
ELECTIVES					
4	HVA 0004	Worker Characteristic	6		
4	HVA 4040	Laundry - Gas Clothes Dryers	36		
4	HVA 4050	Laundry - Elec Clothes Dryer	36		
4	HVA 4060	Laundry - TopLoad WashingMchne	36		
4	HVA 4070	Laundry - FntLoad WashingMchne	54		
4	HVA 4080	Kitchen - Dishwashers	54		
4	HVA 4090	Kitchen - Microwaves	36		
4	HVA 4100	Kitchen - Gas Ranges	36		
4	HVA 4110	Kitchen - Electric Ranges	30		
4	HVA 4120	Kitchens - Refrig Freezers	54		
4	HVA 4130	Utility - Gas&Elec Wtr Heaters	54		
HVAC Major Appliance Technician				Diploma DP	McKenzie and 1728 Morristown ONLY

New Course