



# PATHWAYS



**YOUR MAP TO  
COMPLETION for  
2026-2027**

## HVAC/R Technology

Associate in Applied Science / Certificate / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp	IV
	MTH 116*	Mathematical Applications	3	Fa Sp	III
	ACR 111	Principles of Refrigeration	3	Fa Sp	V
	ACR 121	Principles of Electricity for HVACR	3	Fa Sp	V
	ACR 122	HVACR Electric Circuits	3	Fa Sp	V
	ACR 123	HVACR Electrical Components	3	Fa Sp	V
Semester 2	ENG 101	English Composition I	3	Sp Su	I
	ACR 112	HVACR Service Procedures	3	Sp Su	V
	ACR 113	Refrigeration Piping Practices	3	Sp Su	V
	ACR 127	HVACR Electric Motors	3	Sp Su	V
	ACR 132	Residential Air Conditioning	3	Sp Su	V
Semester 3	IDS 102*	Ethics	3	Fa Su	II
	ACR 119	Fundamentals of Gas Heating Systems	3	Fa Su	V
	ACR 134	Ice Machines	3	Fa Su	V
	ACR 147	Refrigerant Transition and Recovery Theory	3	Fa Su	V
	ACR 148	Heat Pump Systems I	3	Fa Su	V
Semester 4	MTH 103*	Introduction to Technical Math	3	Fa Sp	III
	HIS 121*	World History I	3	Fa Sp	IV
	ACR 203	Commercial Refrigeration	3	Fa Sp	V
	ACR 205	System Sizing and Air Distribution	3	Fa Sp	V
	ACR 209	Commercial Air Conditioning Systems	3	Fa Sp	V
	ACR 210	Troubleshooting HVACR Systems	3	Fa Sp	V
HVAC/R Technology AAS TOTAL HOURS 64					
HVAC/R Technology Certificate TOTAL HOURS 55					
HVAC Electrical Specialist Short-Term Certificate TOTAL HOURS 12					
HVAC Service Procedure Specialist Short-Term Certificate TOTAL HOURS 24					
HVAC Heating Systems Specialist Short-Term Certificate TOTAL HOURS 9					

\* May be substituted per HVAC/R Instructor's approval

**WALLACE STATE**  
HANCEVILLE • ONEONTA