



PATHWAYS



**YOUR MAP TO
COMPLETION for
2024-2025**

HVAC/R General Technology

Associate in Applied Science / Certificate / Short-Term Certificate

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

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