

# AIR CONDITIONING AND REFRIGERATION

## Short Term Certificate

### Guided Pathway/Map

**NOTE:** The Guided Pathway below contains all the coursework required for degree/certificate completion. However, courses may be offered or taken in other semesters as long as prerequisites are met. Courses may be available days, nights, hybrid, and online.

	Course #	Course Name	Sem. Hours
Semester 1	ACR111	Principles of Refrigeration	3
	ACR112	HVAC/R Service Procedures	3
	ACR121	Principles of Electricity for HVAC	3
	ACR122	HVAC/R Electrical Circuits	3
	ACR123	HVAC/R Electrical Components	3
			Semester Total: 15
Semester 2	ACR119	Fundamentals of Gas Heating Systems Gas Heat (Gas Heat Ready to Work certification exam)	3
	ACR147	Refrigeration Transition and Recovery (EPA Certification Exam)	3
	ACR148	Heat Pump Systems I	3
	ACR149	Heat Pump Systems II (Heat Pump Ready to Work certification exam)	3
			Semester Total: 12
			<b>Program Total: 27</b>