

# HEATING AND AIR CONDITIONING

Short-Term Certificate

**LENGTH:** Two Semesters

ACR 111.....	Principles of Refrigeration.....	3
ACR 112.....	HVACR Service Procedures .....	3
ACR 119 or ACR 126.....	Fundamentals of Gas Heating Systems or Commercial Heating Systems.....	3
ACR 121.....	Principles of Electricity for HVAC/R .....	3
ACR 122.....	HVACR Electric Circuits.....	3
ACR 147.....	Refrigerant Transition and Recovery Theory .....	3
ACR 148.....	Heat Pump Systems I.....	3
ACR 149.....	Heat Pump Systems II .....	3
ACR 205.....	System Sizing and Air Distribution .....	3

**Total Hours .....** 27 SH

\*Short-term certificate not eligible for federal aid.

# HVAC BASIC TECHNOLOGY

Short-Term Certificate

**LENGTH:** One Semester

ACR 111.....	Principles of Refrigeration.....	3
ACR 112.....	HVACR Service Procedures .....	3
ACR 121.....	Principles of Electricity for HVAC/R .....	3
ACR 147.....	Refrigerant Transition and Recovery Theory .....	3
ACR 148.....	Heat Pump Systems I.....	3

**Total Hours .....** 15 SH

\*Short-term certificate not eligible for federal aid

# HVAC ADVANCED TECHNOLOGY

Short-Term Certificate

**LENGTH:** One Semester

ACR 122.....	HVAC/R Electrical Circuits.....	3
ACR 119 or ACR 126.....	Fundamentals of Gas Heating Systems or Commercial Heating Systems.....	3
ACR 149.....	Heat Pump Systems II .....	3
ACR 205.....	System Sizing and Air Distribution .....	3
WKO 107.....	Work Place Skills Preparation .....	1

**Total Hours .....** 13 SH

\*Short-term certificate not eligible for federal aid