

PROGRAM OF STUDY

RESIDENTIAL GAS HEATING Certificate of Achievement

The RESIDENTIAL GAS HEATING CERTIFICATE offers the students the opportunity to learn the academic, occupational, communication, and technical training skills needed by entry level technicians in the RESIDENTIAL Heating, Air Conditioning, and Refrigeration industry. Students completing this certificate will develop multiple skills that include real-world knowledge of: Combustion theory and application, combustion analysis, equipment tools, heating systems and components, electrical troubleshooting, heating safety, fuel properties, carbon monoxide safety, building pressure measurements, furnace installation and service. This curriculum was developed in collaboration with several community colleges and industry partners to provide a path to various RESIDENTIAL Heating, Air Conditioning and Refrigeration career areas.

Career Opportunities in Air Conditioning/HVAC

manufacturing, design, installation, service, sales, and entrepreneurship.

Required Courses:

ACR 060	Air Conditioning & Refrigeration I	3
ACR 064	Air Conditioning & Refrigeration Electricity I	3
ACR 065	Air Conditioning & Refrigeration Electricity II	3
ACR 080	Gas Heating	3

Total Units

12

PID 264