

PROGRAM OF STUDY

HEAT PUMPS Certificate of Achievement

The HEAT PUMP CERTIFICATE offers students the opportunity to learn the academic, occupational, communication, and technical training skills needed by entry level technicians in the Heating, Ventilating, and Air Conditioning (HVAC) industry. All weather heating and cooling systems, better known as heat pumps, are a specialized cost saving device typically found in commercial buildings that are now becoming more commonplace in residential buildings. Students completing this certificate will develop advanced theory, troubleshooting, and service skills, as well as an advanced understanding of heat pump schematics, components, and controls. This curriculum was developed in collaboration with several community colleges and industry partners to provide a path to careers that require heat pump technical servicing skills.

Career Opportunities in Air Conditioning/HVAC

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

Required Courses:

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|---------|---|---|
| ACR 060 | Air Conditioning & Refrigeration I | 3 |
| ACR 061 | Air Conditioning & Refrigeration II | 3 |
| ACR 064 | Air Conditioning & Refrigeration Electricity I | 3 |
| ACR 065 | Air Conditioning & Refrigeration Electricity II | 3 |
| ACR 078 | Safe Refrigerant Handling & Management | 3 |
| ACR 083 | All Weather Heating & Cooling Systems | 3 |

Total Units

18

PID 263