

## AIR CONDITIONING TECHNOLOGY

This program prepares students for careers in the air conditioning industry. The program emphasizes a combination of air conditioning theory and practical application necessary for successful employment. Students are trained in both residential and industrial HVAC and prepared to take industry qualification tests.

### PROGRAMS BEGIN

February  
June  
October

### TECHNICAL COLLEGE CERTIFICATES

Air Conditioning Technician Assistant  
Air Conditioning Electrical Technician

### ADDITIONAL CERTIFICATE

EPA Certification

### DID YOU KNOW?<sup>1</sup>

The HVAC industry  
is projected to grow  
**5% by 2031**

### IMPORTANT QUALITIES<sup>1</sup>

- Customer-service Skills
- Color Vision
- Attention to Detail
- Mathematic Skills
- Mechanical Skills
- Physical Stamina
- Physical Strength
- Hand-eye Coordination
- Critical Thinking
- Communication Skills

### COURSES

- AIRC 1005 Refrigeration Fundamentals
- AIRC 1010 Refrigeration Principles and Practices
- AIRC 1020 Refrigeration Systems Components
- AIRC 1030 HVACR Electrical Fundamentals
- AIRC 1040 HVACR Electrical Motors
- AIRC 1050 HVACR Electrical Components

### MEDIAN SALARY<sup>1</sup>

**\$48,630**

### NUMBER OF JOBS AVAILABLE<sup>1</sup>

**394,100**

### TYPICAL RESPONSIBILITIES<sup>1</sup>

- Install, clean, and maintain HVACR systems
- Install electrical components and wiring
- Inspect and test HVACR systems and components
- Discuss system malfunctions with customers
- Repair or replace worn or defective parts
- Recommend maintenance to improve system performance
- Keep records of work performed

<sup>1</sup> Heating, Air Conditioning, and Refrigeration Mechanics and Installers:  
Occupational Outlook Handbook: U.S. Bureau of Labor Statistics  
<https://www.bls.gov/ooh/Installation-Maintenance-and-Repair/Heating-air-conditioning-and-refrigeration-mechanics-and-installers.htm#tab-1>  
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