

Air Conditioning, Refrigeration and Heating Technology

Program Outlook:

The Air Conditioning, Refrigeration, and Heating Technology Program provides students with technical knowledge and skills for employment as service technicians in the air conditioning and refrigeration industry. Instruction includes a combination of classroom theory and practical experience. Students will be able to obtain Environmental Protection Agency (EPA) certification in order to be employed in any job that requires work with refrigerants.

Program Content:

- Refrigeration fundamentals
- Tools and components
- Basic electricity, circuitry & wiring
- Electric motors
- Room and central air conditioner
- Domestic and commercial refrigeration
- Heating recovery systems & heat pumps
- Safety procedures
- Employability skills



Industry Certification:

- National Center for Construction Education and Research (NCCER)

Length of Program:

The average length of this program is 1350 hours (approx. 16 months) for adults attending full-time. Actual time is dependent upon enrollment status (full-time/part-time) and the length of time the student requires to achieve competencies.

Entrance Requirements:

- Application
- Interview with a counselor
- Adult students must be at least 16 years of age and not attending high school
- Assessment in reading, math, and language
- Fees for supplies and textbooks required

Financial Aid is available for those who qualify.



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