PROGRAM FACT SHEET

**A/C, HEATING AND REFRIGERATION TECHNOLOGY A35100**

The Air Conditioning, Heating, and Refrigeration Technology curriculum provides the basic knowledge to develop skills necessary to work with residential and light commercial systems.

Topics include mechanical refrigeration, heating and cooling theory, electricity, controls, and safety. The diploma program covers air conditioning, furnaces, heat pumps, tools and instruments. In addition, the AAS degree covers residential building codes, residential system sizing, and advanced comfort systems.

Diploma graduates should be able to assist in the start up, preventive maintenance, service, repair, and/or installation of residential and light commercial systems. AAS degree graduates should be able to demonstrate an understanding of system selection and balance and advanced systems.

##### Awards

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| **Associate Degree:** A/C, Heating & Refrigeration Technology (A35100) | **Length of Program:** 5 Semesters  **Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Diploma:** A/C, Heating & Refrigeration Technology (D35100) | **Length of Program:** 3 semesters  **Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** Basic Air Conditioning, Heating & Refrigeration (C35100) | **Length of Program:** 2 Semesters  **Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** Basic Air Conditioning, Heating & Refrigeration (C35100H1) | **Length of Program:** 2 Semesters  **Prerequisite:** Placement Test Equivalent |

**Work -Based Learning Requirements/Opportunities:** For Work-Based Learning education requirements/opportunities please see the appropriate Program Sequencing sheet.

**License or Certification Information:** None Required

**Program Information Contact:**

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| Curriculum Chairperson: Justin Hawkes  Telephone Number: (910) 678-8428  Office Location: Lafayette Hall, Room 146A  Email: [hawkesj@faytechcc.edu](mailto:hawkesj@faytechcc.edu) | Department Office: Cumberland Hall, Room 334  Telephone: (910) 678-8357  FTCC Web Site: [FTCC Website](http://www.faytechcc.edu/) |

**Application Deadlines:** The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson.

**Scholarship/Title IV Financial Aid/VA Services:** Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study **may or may not be eligible** for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 2; Telephone (910) 678-8242. Veterans Services, General Classroom Building, Room 202, (910) 678-8580.

**Child Care Financial Assistance Information:**

Telephone: (910) 678-8486

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