PROGRAM FACT SHEET

**ELECTRICAL SYSTEMS TECHNOLOGYA35130**

This curriculum is designed to provide training for persons interested in the installation and maintenance of electrical systems found in residential, commercial, and industrial facilities.

Coursework, most of which is hands-on, will include such topics as AC/DC theory, basic wiring practices, programmable logic controllers, industrial motor controls, applications of the National Electric Code, and other subjects as local needs require.

Graduates should qualify for a variety of jobs in the electrical field as an on-the-job trainee or apprentice assisting in the layout, installation, and maintenance of electrical systems.

##### Awards

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| **Associate Degree:** Electrical Systems Technology (A35130) | **Length of Program:** 5 Semesters**Prerequisite:** High School Diploma & 1 Unit of Algebra, Placement Test Equivalent |
| **Diploma:** Electrical Systems Technology (D35130) | **Length of Program:** 3 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** Introduction to Photovoltaic Systems (C35130C2) | **Length of Program:** 2 Semesters**Prerequisite:** Placement Test Equivalent |
| **Certificate:** Basic Residential Wiring (C35130C3) | **Length of Program:** 2 Semesters**Prerequisite:** Placement Test Equivalent |
| **Certificate:** Introduction to Photovoltaic Systems (C35130H2) | **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: Ron HamiltonTelephone Number: (910) 678-8326Office Location: Cumberland Hall Room 334HEmail: hamiltor@faytechcc.edu | Department Office: Cumberland Hall Room 334Telephone: (910) 678-8357FTCC Web Site: [FTCC Website](http://www.faytechcc.edu/)  |

**Application Deadlines:** The program is designed for a student to enter during the fall or spring semesters. 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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