PROGRAM FACT SHEET

**INDUSTRIAL SYSTEMS TECHNOLOGYA50240**

The Industrial Systems Technology curriculum is designed to prepare or upgrade individuals to safely service, maintain, repair, or install equipment. Instruction includes theory and skill training needed for inspecting, testing, troubleshooting, and diagnosing industrial systems.

Students will learn multi-craft technical skills in print reading, mechanical systems maintenance, electricity, hydraulics/pneumatics, welding, machining or fabrication, and includes various diagnostic and repair procedures. Practical application in these industrial systems will be emphasized and additional advanced course work may be offered.

Upon completion of this curriculum, graduates should be able to individually, or with a team, safely install, inspect, diagnose, repair, and maintain industrial process and support equipment. Students will also be encouraged to develop their skills as life-long learners.

##### Awards

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| **Associate Degree:** Industrial Systems Technology (A50240) | **Length of Program:** 5 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Diploma:** Not Applicable | **Length of Program:** **Prerequisite:**  |
| **Certificate:** Electrical PLC Applications Certificate (C50240C1) | **Length of Program:** 2 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** Mechanical Maintenance Certificate (C50240C2) | **Length of Program:** 2 Semesters**Prerequisite:** High School Diploma, Placement Test Equivalent |
| **Certificate:** BasicMechanical Maintenance Certificate (C50240H1) | **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: Darius WilkinsTelephone Number: (910) 678-1064Office Location: Advanced Technology Center, Room 244CEmail: wilkinsd@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

Revised: 03/26/24