IPC J-Standard 001 Soldering

The J-STD-001 Requirements for Soldered Electrical and Electronic Assemblies has become the authority for electronics assembly manufacturing. The standard describes materials, methods and verification criteria for producing high quality soldered interconnections. The standard emphasizes process control and sets industry consensus requirements for a broad range of electronic products.

IPC’s J-STD-001 Operator Proficiency Series is a comprehensive, knowledge based series of modules that certify students to the methods and procedures presented in the J-STD-001 document. Designed for operators, the program assists workers interpret the J-STD-001 specification through lecture, demonstration and labs. This is a four day, 40 hour certification course.

**Module 1 Overview of J-STD-001**—Students will learn the requirements of J-STD-001 and related standards as they apply to operators and inspectors involved in the assembly of products to the requirements of J-STD-001. Module 1 is a prerequisite to all other modules.

**Module 2 Wires & Terminals**—Students will learn the requirements of J-STD-001, and demonstrate the skills for stripping and tinning wire and hand soldering wires of different gauges to various types of commonly used solder terminals.

**Module 3 Through-Hole Technology**—Students will learn the requirements of J-STD-001, and demonstrate the skills for preparing and mounting Through-Hole

**Module 4 Surface Mount Technology**—Students will learn the requirements of J-STD-001, and demonstrate the skills for preparing and mounting Leaded and Leadless Surface Mount components to PWBs components to PWBs.

**Module 5 Inspection Methodology**—Students will learn the quality and inspection requirements of J-STD-001.

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Fee: $1,900 including materials

Call for current schedule

WIA Funding Approved

Classes Begin Soon—Register Today!

For more Information:
256-427-5701 or wfd@drakestate.edu