800-643-7822
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J-STD-001 CERTIFIED IPC TRAINER

IPC's J-STD-001 Instructor Training & Certification Program

J-STD-001

Also Available:
Optional J-STD-001 Space Electronics Hardware Addendum

COURSE DESCRIPTION

This class is not designed to teach anyone how to solder. The focus is on the knowledge of the J-STD-001 criteria.

This 5 day advanced, instructor-level program presents selected sections of the J-STD-001 covering Wire and Terminals, Through-Hole and Surface Mount technologies–in both lead and lead-free. The focus of this course is on the knowledge of the J-STD-001 criteria and how to properly interpret and apply it. Students must pass written exams and soldering skills meeting Class 3 inspection to obtain certification.

WHO SHOULD BECOME CERTIFIED

This is an advanced course. Anyone responsible for quality and reliability of electronic assemblies should become certified-including trainers, quality supervisors, engineers and manufacturing supervisors with assembly responsibilities.

Attendees must be experienced solderers.

PREREQUISITES

- Completion of IPC's on-line IPC Essentials program*
- Completion of IPC's on-line Policies & Procedures program*
- Proficiency in soldering
- Understanding of the English language, oral and written

*In order for IPC Certification to be issued, completion of these two on-line programs must be completed outside of class via IPC's website. If the IPC Enhanced Policies and Procedures Exam is also listed, in the IPC Pre-Course section, complete this exam on-line outside of class.

CLASS SIZE

Maximum number of students is limited to ten (10) to provide greater instructor interaction. Call early to reserve your space.

COURSE OUTLINE

DAY 1
- General
- Applicable Documents
- Materials Components and Equipment
- General Soldering and Assembly Requirements
- Cleaning and Residue Requirements
- Rework and Repair

DAY 2
- Wires and Terminal Connections (excluding Jumper Wires)
- Wire and Terminal Demonstration
- Wire and Terminal Lab Work
- Printed Board Requirements
- Coating, Encapsulation and Staking
- Witness Stripe

DAY 3
- Through-Hole Mounting and Terminations (with TH Jumpers)
- Through-Hole Technology Demonstration
- Through-Hole Technology Lab Work

DAY 4
- Surface Mounting of Components
- Surface Mount Technology Demonstration
- Surface Mount Technology Lab Work

DAY 5
- Instructor Roles and Responsibilities
- Program Review
- Open Book Exam
- Closed Book Exam

eTRAINING On-line training is available for some courses. Please inquire.

ON-SITE TRAINING Please call a training consultant and ask about customized course content, on-site training and training around your production schedules.

REGISTRATION For up to date pricing and more information on any of the EPTAC programs, or to enroll, please call us toll free or visit eptac.com.

Toll Free: 1-800-64-EPTAC
email: register@eptac.com
Web: eptac.com