



### TRAINING

- Expert Training in the Latest Technologies
- Industry-Demanded Certifications

### PCB TECHNOLOGY

#### Quality & Inspection

- IPC-A-610 Instructor & Operator Certification

#### Soldering & Assembly

- IPC J-STD-001 Instructor & Operator Certification

#### Bare Board Inspection

- IPC-A-600 Instructor & Operator Certification
- IPC-6012 Instructor & Operator Certification

#### Rework & Repair

- IPC-7711 & IPC-7721 Instructor & Operator Certification

#### Hand Soldering Skills

- Soldering Basics, Wires & Terminals, Lap Solder Joints, Through-Hole and Surface Mount Training

#### PCB Fundamentals

- Component Identification
- Electrostatic Discharge

#### PCB Design

- IPC Designer & IPC

Advanced Designer Certification

### COUNTERFEIT COMPONENTS

#### IDEA-STD-1010

- Seminars & Workshops
- IDEA-STD-1010 Essentials
- SAE AS5553 Counterfeit Electronics

### CABLE & WIRE

### HARNESS TECHNOLOGY

#### Quality & Inspection

- IPC-A-620 Instructor & Operator Certification

#### Hands-On Labs

- Crimping & Harness Assembly Training

### TECHNICAL SUPPORT

- Manufacturing Start-Up
- Process Evaluation
- Subcontractor Qualification
- Equipment Evaluation
- Lead-Free, ESD, Process and Quality Audits

## Advanced Surface Mount Micro Hand Soldering

### J-STD-001 / IPC-A-610 / IPC-7711

*Learn proper techniques for placement, soldering and rework of fine pitch and multi-leaded extra fine pitch surface mount components*

### Advanced SMT Micro Hand Soldering Certification

Mar 30 - 31 ... Santa Clara, CA	Aug 31 - Sep 1 Salem, NH
Apr 2 - 3 ... Salem, NH	Sep 10 - 11 ... Santa Clara, CA
Apr 15 - 16 ... Shoreview, MN	Oct 12 - 13 ... Schaumburg, IL
May 26 - 27 ... Schaumburg, IL	Dec 14 - 15 ... Shoreview, MN
Jun 17 - 18 ... Salem, NH	

Dates and locations are subject to change. Please call to check current dates and availability. Minimum enrollments are required for a class to be held.