



### 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, 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

## IDEA Counterfeit Component Training

IDEA-TRN-2000 "Inspection for Visual Indicators of Counterfeit Parts"

IDEA-STD-1010 "Acceptability of Electronic Components Distributed in the Open Market"

### IDEA Counterfeit Component Workshop

#### IDEA-TRN-2000 Inspection for

#### Visual Indicators of Counterfeit Parts

*A basic introduction to Counterfeit Mitigation and to IDEA-STD-1010, including methods for the visual detection of counterfeit and substandard characteristics through a hands-on workshop. A unique opportunity to examine real components with live, on-site microscopic magnification to obtain experience in the visual inspection techniques of IDEA-STD-1010 and learn how to detect counterfeit components firsthand.*

Jan 16 ..... Watertown, CT  
 Mar 3 ..... Minneapolis, MN  
 Mar 9 ..... Peabody, MA  
 May 8 ..... Toronto, ON  
 Aug 11 ..... Minneapolis, MN  
 Sep 15 ..... Peabody, MA  
 Sep 25 ..... Baltimore, MD  
 Oct 20 ..... Toronto, ON  
 Nov 10 ..... Schaumburg, IL  
 Nov 15 ..... Santa Clara, CA

### IDEA-STD-1010 Essentials

#### IDEA-STD-1010 "Acceptability of Electronic Components Distributed in the Open Market"

*Develop an in-depth knowledge of the IDEA-STD-1010 "Acceptability of Electronic Components Distributed in the Open Market" standard and a thorough understanding of its contents, application and use in the component inspection counterfeit detection process.*

Jan 5 - 6 ..... San Diego, CA  
 Feb 23 - 24 ..... Baltimore, MD  
 Mar 28 - 29 ..... Palm Bay, FL  
 Apr 4 - 5 ..... Anaheim, CA  
 Apr 17 - 18 ..... Schaumburg, IL  
 Jun 8 - 9 ..... Peabody, MA  
 Jun 29 - 30 ..... Santa Clara, CA  
 Jul 10 - 11 ..... San Diego, CA  
 Sep 5 - 6 ..... Long Island, NY  
 Oct 4 - 5 ..... Palm Bay, FL  
 Oct 9 - 10 ..... Peabody, MA  
 Dec 18 - 19 ..... San Diego, CA

Dates and locations are subject to change. Please call to check current dates and availability. A minimum enrollment of seven (7) students is required for a class to be held.