



### 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

## IPC-6012 Certified IPC Specialist (CIS)

### IPC-6012 "Qualification and Performance Specification for Rigid Printed Boards"

Learn about the design, specifications, fabrication and inspection of printed circuit boards.

#### IPC-6012 CIS Certification & Recertification

##### ON-LINE Start time: 10am E.S.T.

Mar 30 - Apr 2  
Jul 13 - 16  
Oct 26 - 29

#### Challenge Test

##### IN-PERSON Salem, NH

Jan 27 Aug 6  
Feb 25 Sep 4  
Mar 30 Oct 16  
Apr 28 Nov 23  
May 27 Dec 21  
Jun 19

##### ON-LINE Start time: 10am E.S.T.

Jan 7	May 13	Sep 16
Jan 21	May 27	Sep 30
Feb 4	Jun 10	Oct 14
Feb 18	Jun 24	Oct 28
Mar 4	Jul 8	Nov 11
Mar 18	Jul 22	Nov 23
Apr 1	Aug 5	Dec 9
Apr 15	Aug 19	Dec 21
Apr 29	Sep 2	

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.