



### 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.

Feb 24 - 27  
 Jul 28 - 31  
 Oct 27 - 30

#### Challenge Test

##### IN-PERSON Manchester, NH

Jan 3      Jun 19  
 Jan 28      Aug 7  
 Feb 7      Sep 26  
 Feb 26      Oct 30  
 Apr 11      Nov 21  
 May 2      Dec 22  
 Jun 6

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

Jan 8	May 14	Sep 17
Jan 22	May 28	Oct 1
Feb 5	Jun 11	Oct 15
Feb 19	Jun 25	Oct 29
Mar 5	Jul 9	Nov 12
Mar 19	Jul 23	Nov 24
Apr 2	Aug 6	Dec 10
Apr 16	Aug 20	Dec 22
Apr 30	Sep 3	

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.