



### 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 HARNESST 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

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

Feb 26 - 29  
Jun 17 - 20  
Oct 28 - 31

#### Challenge Test

##### IN-PERSON Manchester, NH

Jan 12 Jul 1  
Jan 26 Aug 9  
Feb 16 Sep 27  
Mar 1 Oct 11  
Apr 12 Nov 8  
May 10 Nov 22  
Jun 7

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

Jan 10 May 15 Sep 18  
Jan 24 May 29 Oct 2  
Feb 7 Jun 12 Oct 16  
Feb 21 Jun 26 Oct 30  
Mar 6 Jul 10 Nov 13  
Mar 20 Jul 24 Nov 25  
Apr 3 Aug 7 Dec 11  
Apr 17 Aug 21 Dec 23  
May 1 Sep 4

#### IPC-6012 CIS Recertification

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

Feb 26 - 29  
Jun 17 - 20  
Oct 28 - 31

#### Challenge Test

##### IN-PERSON Manchester, NH

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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.