



### 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-A-600 Certified IPC Trainer (CIT)

### IPC-A-600 "The Acceptability of Printed Boards"

Become an expert in the quality standards of printed circuit boards and be certified for inspection and instruction.

#### IPC-A-600 CIT Certification

Feb 13 - 15 ... Toronto, ON  
 Mar 1 - 3 ... San Jose, CA  
 Mar 27 - 29 ... Schaumburg, IL  
 May 10 - 12 ... Toronto, ON  
 May 30 - Jun 1 ... Manchester, NH  
 Jul 19 - 21 ... Schaumburg, IL  
 Aug 21 - 23 ... San Jose, CA  
 Sep 11 - 13 ... Toronto, ON  
 Nov 22 - 24 ... Toronto, ON  
 Nov 27 - 29 ... San Jose, CA  
 Dec 5 - 7 ... Manchester, NH

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

Jan 3 - 5  
 Mar 6 - 8  
 May 8 - 10  
 Jul 5 - 7  
 Sep 6 - 8  
 Nov 6 - 8

#### IPC-A-600 CIT Recertification

Feb 13 - 15 ... Toronto, ON  
 Mar 1 - 3 ... San Jose, CA  
 Mar 27 - 29 ... Schaumburg, IL  
 May 10 - 12 ... Toronto, ON  
 May 30 - Jun 1 ... Manchester, NH  
 Jul 19 - 21 ... Schaumburg, IL  
 Aug 21 - 23 ... San Jose, CA  
 Sep 11 - 13 ... Toronto, ON  
 Nov 22 - 24 ... Toronto, ON  
 Nov 27 - 29 ... San Jose, CA  
 Dec 5 - 7 ... Manchester, NH

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

Jan 3 - 5  
 Mar 6 - 8  
 May 8 - 10  
 Jul 5 - 7  
 Sep 6 - 8  
 Nov 6 - 8

### Challenge Test

#### IN-PERSON Manchester, NH

Jan 12      Aug 11  
 Feb 17      Sep 15  
 Mar 10      Oct 13  
 Apr 14      Nov 10  
 May 12      Dec 1  
 Jul 5

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

Jan 11      May 17      Sep 20  
 Jan 25      May 31      Oct 4  
 Feb 8      Jun 14      Oct 18  
 Feb 22      Jun 28      Nov 1  
 Mar 8      Jul 12      Nov 15  
 Mar 22      Jul 26      Nov 29  
 Apr 5      Aug 9      Dec 13  
 Apr 19      Aug 23      Dec 27  
 May 3      Sep 6

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 Mar 22      Jul 26      Nov 29  
 Apr 5      Aug 9      Dec 13  
 Apr 19      Aug 23      Dec 27  
 May 3      Sep 6

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.