



### 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 12 - 14 . . . Toronto, ON  
 Mar 25 - 27 . . . Schaumburg, IL  
 May 8 - 10 . . . Toronto, ON  
 Jun 10 - 12 . . . Manchester, NH  
 Jun 17 - 19 . . . Schaumburg, IL  
 Aug 5 - 7 . . . Toronto, ON  
 Nov 27 - 29 . . . Toronto, ON  
 Dec 3 - 5 . . . Manchester, NH

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

Jan 2 - 4  
 Mar 18 - 20  
 May 6 - 8  
 Jul 1 - 3  
 Sep 4 - 6  
 Nov 4 - 6

#### 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-A-600 CIT Recertification

Feb 12 - 14 . . . Toronto, ON  
 Mar 25 - 27 . . . Schaumburg, IL  
 May 8 - 10 . . . Toronto, ON  
 Jun 10 - 12 . . . Manchester, NH  
 Jun 17 - 19 . . . Schaumburg, IL  
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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.