



### 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

## New York Buffalo, Long Island, Rochester, Binghamton & Syracuse

Please contact us for additional locations and on-site training opportunities in your area.

### IPC-A-610 Certified IPC Trainer (CIT)

Jan 11 - 14 ... Buffalo  
Feb 22 - 25 ... Rochester  
Mar 8 - 11 ... Long Island  
Apr 5 - 8 ... Binghamton  
May 10 - 13 ... Rochester  
May 24 - 27 ... Buffalo  
Jun 7 - 10 ... Long Island  
Sep 13 - 16 ... Rochester  
Oct 4 - 7 ... Buffalo  
Oct 18 - 21 ... Long Island  
Nov 29 - Dec 2 Binghamton

#### Recertifications (Req. 24 mos.)

Jan 19 - 20 ... Rochester  
Feb 1 - 2 ... Binghamton  
Mar 22 - 23 ... Long Island  
Mar 30 - 31 ... Buffalo  
Apr 26 - 27 ... Rochester  
Jun 14 - 15 ... Binghamton  
Jul 26 - 27 ... Rochester  
Aug 2 - 3 ... Buffalo  
Aug 16 - 17 ... Long Island  
Sep 9 - 10 ... Binghamton  
Sep 20 - 21 ... Rochester, NY  
Oct 12 - 13 ... Buffalo

### IPC-A-610 Certified IPC Specialist (CIS)

Jan 11 - 13 ... Buffalo  
Feb 22 - 24 ... Rochester  
Mar 8 - 10 ... Long Island  
Mar 8 - 10 ... Syracuse  
Apr 5 - 7 ... Binghamton  
May 10 - 12 ... Rochester  
May 24 - 26 ... Buffalo  
Jun 7 - 9 ... Long Island  
Jun 14 - 16 ... Syracuse  
Sep 7 - 9 ... Syracuse  
Sep 13 - 15 ... Rochester  
Oct 4 - 6 ... Buffalo  
Oct 18 - 20 ... Long Island  
Nov 29 - Dec 1 Binghamton

#### Recertifications (Req. 24 mos.)

Jan 11 - 13 ... Buffalo  
Feb 22 - 24 ... Rochester  
Mar 8 - 10 ... Long Island  
Mar 8 - 10 ... Syracuse  
Apr 5 - 7 ... Binghamton  
May 10 - 12 ... Rochester  
May 24 - 26 ... Buffalo  
Jun 7 - 9 ... Long Island  
Jun 14 - 16 ... Syracuse  
Sep 7 - 9 ... Syracuse  
Sep 13 - 15 ... Rochester  
Oct 4 - 6 ... Buffalo  
Oct 18 - 20 ... Long Island  
Nov 29 - Dec 1 Binghamton

### IPC-A-610 Certified Standards Expert (CSE)

Jan 11 - 14 ... Buffalo  
Feb 22 - 25 ... Rochester  
Mar 8 - 11 ... Long Island  
Apr 5 - 8 ... Binghamton  
May 10 - 13 ... Rochester  
May 24 - 27 ... Buffalo  
Jun 7 - 10 ... Long Island  
Sep 13 - 16 ... Rochester  
Oct 4 - 7 ... Buffalo  
Oct 18 - 21 ... Long Island  
Nov 29 - Dec 2 Binghamton

#### Recertifications (Req. 24 mos.)

Jan 19 - 20 ... Rochester  
Feb 1 - 2 ... Binghamton  
Mar 22 - 23 ... Long Island  
Mar 30 - 31 ... Buffalo  
Apr 26 - 27 ... Rochester  
Jun 14 - 15 ... Binghamton  
Jul 26 - 27 ... Rochester  
Aug 2 - 3 ... Buffalo  
Aug 16 - 17 ... Long Island  
Sep 9 - 10 ... Binghamton  
Sep 20 - 21 ... Rochester  
Oct 12 - 13 ... Buffalo

### IPC-A-610 Interactive PCB Inspection Lab (CIT or CIS Option)

Jan 15 ... Buffalo  
Feb 26 ... Rochester  
Mar 12 ... Long Island  
Jun 18 ... Syracuse  
Sep 17 ... Rochester  
Oct 8 ... Buffalo  
Oct 22 ... Long Island

### J-STD-001 Certified IPC Trainer (CIT)

Jan 25 - 29 ... Rochester  
Apr 5 - 9 ... Buffalo  
Apr 19 - 23 ... Rochester  
May 3 - 7 ... Long Island  
May 17 - 21 ... Binghamton  
Jul 26 - 30 ... Buffalo  
Aug 9 - 13 ... Rochester  
Oct 4 - 8 ... Binghamton  
Dec 13 - 17 ... Buffalo  
Dec 13 - 17 ... Long Island

#### Recertifications (Req. 24 mos.)

Jan 21 - 22 ... Rochester  
Feb 3 - 4 ... Binghamton  
Mar 24 - 25 ... Long Island  
Apr 1 - 2 ... Buffalo  
Apr 28 - 29 ... Rochester  
Jun 16 - 17 ... Binghamton  
Jul 28 - 29 ... Rochester  
Aug 4 - 5 ... Buffalo  
Aug 18 - 19 ... Long Island  
Sep 22 - 23 ... Rochester  
Oct 14 - 15 ... Buffalo

### J-STD-001 CIT Space Addendum Certification

Apr 30 ... Rochester

#### Recertifications (Req. 24 mos.)

Apr 30 ... Rochester

### J-STD-001 Certified IPC Specialist (CIS)

Jan 25 - 29 ... Rochester  
Feb 15 - 19 ... Syracuse  
Apr 5 - 9 ... Buffalo  
Apr 19 - 23 ... Rochester  
May 3 - 7 ... Long Island  
May 17 - 21 ... Binghamton  
Jul 26 - 30 ... Buffalo  
Aug 9 - 13 ... Rochester  
Oct 4 - 8 ... Binghamton  
Nov 1 - 5 ... Syracuse, NY  
Dec 13 - 17 ... Buffalo  
Dec 13 - 17 ... Long Island

#### Recertifications (Req. 24 mos.)

Jan 25 - 29 ... Rochester  
Feb 15 - 19 ... Syracuse  
Apr 5 - 9 ... Buffalo  
Apr 19 - 23 ... Rochester  
May 3 - 7 ... Long Island  
May 17 - 21 ... Binghamton  
Jul 26 - 30 ... Buffalo  
Aug 9 - 13 ... Rochester  
Oct 4 - 8 ... Binghamton  
Nov 1 - 5 ... Syracuse  
Dec 13 - 17 ... Buffalo  
Dec 13 - 17 ... Long Island

### J-STD-001 CIS Space Addendum Certification

Apr 30 ... Rochester

#### Recertifications (Req. 24 mos.)

Apr 30 ... Rochester

### J-STD-001 Certified Standards Expert (CSE)

Jan 25 - 29 ... Rochester, NY  
Apr 5 - 9 ... Buffalo  
Apr 19 - 23 ... Rochester  
May 3 - 7 ... Long Island  
May 17 - 21 ... Binghamton  
Jul 26 - 30 ... Buffalo  
Aug 9 - 13 ... Rochester  
Oct 4 - 8 ... Binghamton  
Dec 13 - 17 ... Buffalo  
Dec 13 - 17 ... Long Island

#### Recertifications (Req. 24 mos.)

Jan 21 - 22 ... Rochester  
Feb 3 - 4 ... Binghamton  
Mar 24 - 25 ... Long Island  
Apr 1 - 2 ... Buffalo  
Apr 28 - 29 ... Rochester  
Jun 16 - 17 ... Binghamton  
Jul 28 - 29 ... Rochester  
Aug 4 - 5 ... Buffalo  
Aug 18 - 19 ... Long Island  
Sep 22 - 23 ... Rochester  
Oct 14 - 15 ... Buffalo

### J-STD-001 CSE Space Addendum Certification

Apr 30 ... Rochester

#### Recertifications (Req. 24 mos.)

Apr 30 ... Rochester

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.



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### IPC-A-620 Certified IPC Trainer (CIT)

Jan 18 - 21 ... Long Island  
 Mar 15 - 18 ... Buffalo  
 Mar 22 - 25 ... Rochester  
 May 10 - 13 ... Long Island  
 Jun 14 - 17 ... Buffalo  
 Jun 21 - 24 ... Rochester  
 Sep 20 - 23 ... Buffalo  
 Sep 27 - 30 ... Long Island  
 Oct 4 - 7 ... Rochester

#### Recertifications (Req. 24 mos.)

Feb 4 - 5 ... Rochester  
 Jun 3 - 4 ... Long Island  
 Jun 28 - 29 ... Rochester  
 Aug 9 - 10 ... Buffalo  
 Oct 11 - 12 ... Rochester  
 Nov 22 - 23 ... Buffalo  
 Nov 22 - 23 ... Long Island

### IPC-A-620 Certified IPC Specialist (CIS)

Jan 18 - 21 ... Long Island  
 Mar 1 - 4 ... Syracuse  
 Mar 15 - 18 ... Buffalo  
 Mar 22 - 25 ... Rochester  
 Apr 26 - 29 ... Binghamton  
 May 10 - 13 ... Long Island  
 Jun 7 - 10 ... Syracuse  
 Jun 14 - 17 ... Buffalo  
 Jun 21 - 24 ... Rochester  
 Sep 20 - 23 ... Buffalo  
 Sep 27 - 30 ... Binghamton  
 Sep 27 - 30 ... Long Island  
 Oct 4 - 7 ... Rochester  
 Oct 25 - 28 ... Syracuse

#### Recertifications (Req. 24 mos.)

Jan 18 - 21 ... Long Island  
 Mar 1 - 4 ... Syracuse  
 Mar 15 - 18 ... Buffalo  
 Mar 22 - 25 ... Rochester  
 Apr 26 - 29 ... Binghamton  
 May 10 - 13 ... Long Island  
 Jun 7 - 10 ... Syracuse  
 Jun 14 - 17 ... Buffalo  
 Jun 21 - 24 ... Rochester  
 Sep 20 - 23 ... Buffalo  
 Sep 27 - 30 ... Binghamton  
 Sep 27 - 30 ... Long Island  
 Oct 4 - 7 ... Rochester  
 Oct 25 - 28 ... Syracuse

### IPC-A-620 Certifies Standards Expert (CSE)

Jan 18 - 21 ... Long Island  
 Mar 15 - 18 ... Buffalo  
 Mar 22 - 25 ... Rochester  
 May 10 - 13 ... Long Island  
 Jun 14 - 17 ... Buffalo  
 Jun 21 - 24 ... Rochester  
 Sep 20 - 23 ... Buffalo  
 Sep 27 - 30 ... Long Island  
 Oct 4 - 7 ... Rochester

#### Recertifications (Req. 24 mos.)

Feb 4 - 5 ... Rochester  
 Jun 3 - 4 ... Long Island  
 Jun 28 - 29 ... Rochester  
 Aug 9 - 10 ... Buffalo  
 Oct 11 - 12 ... Rochester  
 Nov 22 - 23 ... Buffalo  
 Nov 22 - 23 ... Long Island

### 620 Hands-on Labs (CIT or CIS Option)

Mar 5 ... Syracuse  
 Mar 19 ... Buffalo  
 Mar 26 ... Rochester  
 Apr 30 ... Binghamton  
 May 14 ... Long Island  
 Jun 11 ... Syracuse  
 Jun 18 ... Buffalo  
 Jun 25 ... Rochester  
 Sep 24 ... Buffalo  
 Oct 1 ... Long Island  
 Oct 8 ... Rochester  
 Oct 29 ... Syracuse

### Hand Soldering Certification

Jan 4 - 8 ... Syracuse  
 Feb 15 - 19 ... Buffalo  
 Feb 22 - 26 ... Long Island  
 Mar 15 - 19 ... Rochester  
 Mar 29 - Apr 2 Binghamton  
 Apr 12 - 16 ... Syracuse  
 May 10 - 14 ... Buffalo  
 Jun 7 - 11 ... Binghamton  
 Jun 14 - 18 ... Rochester  
 Jul 19 - 23 ... Rochester  
 Aug 2 - 6 ... Long Island  
 Aug 16 - 20 ... Buffalo  
 Oct 11 - 15 ... Syracuse  
 Oct 25 - 29 ... Binghamton  
 Nov 8 - 12 ... Buffalo  
 Nov 29 - Dec 3 Rochester

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.