



### 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 10 - 13 ... Buffalo  
 Feb 22 - 25 ... Rochester  
 Mar 14 - 17 ... Long Island  
 Apr 4 - 7 ... Binghamton  
 May 9 - 12 ... Rochester  
 May 23 - 26 ... Buffalo  
 Jun 6 - 9 ... Long Island  
 Sep 12 - 15 ... Rochester  
 Oct 3 - 6 ... Buffalo  
 Oct 17 - 20 ... Long Island, NY

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

Jan 18 - 19 ... Rochester  
 Feb 7 - 8 ... Binghamton  
 Mar 21 - 22 ... Long Island  
 Mar 29 - 30 ... Buffalo  
 Apr 25 - 26 ... Rochester  
 Jun 13 - 14 ... Binghamton  
 Jul 25 - 26 ... Rochester  
 Aug 1 - 2 ... Buffalo  
 Aug 15 - 16 ... Long Island  
 Sep 8 - 9 ... Binghamton  
 Sep 19 - 20 ... Rochester  
 Oct 11 - 12 ... Buffalo

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

Jan 10 - 12 ... Buffalo  
 Feb 22 - 24 ... Rochester  
 Mar 7 - 9 ... Syracuse  
 Mar 14 - 16 ... Long Island  
 Apr 4 - 6 ... Binghamton  
 May 9 - 11 ... Rochester  
 May 23 - 25 ... Buffalo  
 Jun 6 - 8 ... Long Island  
 Jun 13 - 15 ... Syracuse  
 Sep 6 - 8 ... Syracuse  
 Sep 12 - 14 ... Rochester  
 Oct 3 - 5 ... Buffalo  
 Oct 17 - 19 ... Long Island  
 Nov 28 - 30 ... Binghamton

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

Jan 10 - 12 ... Buffalo  
 Feb 22 - 24 ... Rochester  
 Mar 7 - 9 ... Syracuse  
 Mar 14 - 16 ... Long Island  
 Apr 4 - 6 ... Binghamton  
 May 9 - 11 ... Rochester  
 May 23 - 25 ... Buffalo  
 Jun 6 - 8 ... Long Island  
 Jun 13 - 15 ... Syracuse  
 Sep 6 - 8 ... Syracuse  
 Sep 12 - 14 ... Rochester  
 Oct 3 - 5 ... Buffalo  
 Oct 17 - 19 ... Long Island  
 Nov 28 - 30 ... Binghamton

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

Jan 10 - 13 ... Buffalo  
 Feb 22 - 25 ... Rochester  
 Mar 14 - 17 ... Long Island  
 Apr 4 - 7 ... Binghamton  
 May 9 - 12 ... Rochester  
 May 23 - 26 ... Buffalo  
 Jun 6 - 9 ... Long Island  
 Sep 12 - 15 ... Rochester  
 Oct 3 - 6 ... Buffalo  
 Oct 17 - 20 ... Long Island

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

Jan 18 - 19 ... Rochester  
 Feb 7 - 8 ... Binghamton  
 Mar 21 - 22 ... Long Island  
 Mar 29 - 30 ... Buffalo  
 Apr 25 - 26 ... Rochester  
 Jun 13 - 14 ... Binghamton  
 Jul 25 - 26 ... Rochester  
 Aug 1 - 2 ... Buffalo  
 Aug 15 - 16 ... Long Island  
 Sep 8 - 9 ... Binghamton  
 Sep 19 - 20 ... Rochester  
 Oct 11 - 12 ... Buffalo

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

Jan 14 ... Buffalo  
 Mar 18 ... Long Island  
 Jun 17 ... Syracuse  
 Sep 16 ... Rochester  
 Oct 7 ... Buffalo  
 Oct 21 ... Long Island

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

Jan 3 - 7 ... Buffalo  
 Jan 24 - 28 ... Rochester  
 Apr 4 - 8 ... Buffalo  
 Apr 18 - 22 ... Rochester  
 May 2 - 6 ... Long Island  
 May 16 - 20 ... Binghamton  
 Jul 25 - 29 ... Buffalo  
 Aug 22 - 26 ... Rochester  
 Oct 3 - 7 ... Binghamton  
 Dec 12 - 16 ... Long Island  
 Dec 19 - 23 ... Buffalo

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

Jan 20 - 21 ... Rochester  
 Feb 9 - 10 ... Binghamton  
 Mar 23 - 24 ... Long Island  
 Mar 31 - Apr 1 Buffalo  
 Apr 27 - 28 ... Rochester  
 Jun 15 - 16 ... Binghamton  
 Jul 27 - 28 ... Rochester  
 Aug 3 - 4 ... Buffalo  
 Aug 17 - 18 ... Long Island  
 Sep 21 - 22 ... Rochester  
 Oct 13 - 14 ... Buffalo

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

Apr 29 ... Rochester

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

Apr 29 ... Rochester

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

Jan 3 - 7 ... Buffalo  
 Jan 24 - 28 ... Rochester  
 Feb 14 - 18 ... Syracuse  
 Apr 4 - 8 ... Buffalo  
 Apr 18 - 22 ... Rochester  
 May 2 - 6 ... Long Island  
 May 16 - 20 ... Binghamton  
 Jul 25 - 29 ... Buffalo  
 Aug 22 - 26 ... Rochester  
 Oct 3 - 7 ... Binghamton  
 Oct 31 - Nov 4 Syracuse  
 Dec 12 - 16 ... Long Island  
 Dec 19 - 23 ... Buffalo

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

Jan 3 - 7 ... Buffalo  
 Jan 24 - 28 ... Rochester  
 Feb 14 - 18 ... Syracuse  
 Apr 4 - 8 ... Buffalo  
 Apr 18 - 22 ... Rochester  
 May 2 - 6 ... Long Island  
 May 16 - 20 ... Binghamton  
 Jul 25 - 29 ... Buffalo  
 Aug 22 - 26 ... Rochester  
 Oct 3 - 7 ... Binghamton  
 Oct 31 - Nov 4 Syracuse  
 Dec 12 - 16 ... Long Island  
 Dec 19 - 23 ... Buffalo

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

Apr 29 ... Rochester

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

Apr 29 ... Rochester

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

Jan 3 - 7 ... Buffalo  
 Jan 24 - 28 ... Rochester  
 Apr 4 - 8 ... Buffalo  
 Apr 18 - 22 ... Rochester  
 May 2 - 6 ... Long Island  
 May 16 - 20 ... Binghamton  
 Jul 25 - 29 ... Buffalo  
 Aug 22 - 26 ... Rochester  
 Oct 3 - 7 ... Binghamton  
 Dec 12 - 16 ... Long Island  
 Dec 19 - 23 ... Buffalo

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

Jan 20 - 21 ... Rochester  
 Feb 9 - 10 ... Binghamton  
 Mar 23 - 24 ... Long Island  
 Mar 31 - Apr 1 Buffalo  
 Apr 27 - 28 ... Rochester  
 Jun 15 - 16 ... Binghamton  
 Jul 27 - 28 ... Rochester  
 Aug 3 - 4 ... Buffalo  
 Aug 17 - 18 ... Long Island  
 Sep 21 - 22 ... Rochester  
 Oct 13 - 14 ... Buffalo

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

Apr 29 ... Rochester

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

Apr 29 ... Rochester, NY

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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Jan 18 - 21 ... Long Island  
 Mar 14 - 17 ... Buffalo  
 Mar 21 - 24 ... Rochester  
 May 9 - 12 ... Long Island  
 Jun 20 - 23 ... Rochester  
 Jun 27 - 30 ... Buffalo  
 Sep 19 - 22 ... Buffalo  
 Sep 26 - 29 ... Long Island  
 Oct 3 - 6 ... Rochester

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

Feb 3 - 4 ... Rochester  
 Jun 2 - 3 ... Long Island  
 Jun 27 - 28 ... Rochester  
 Aug 8 - 9 ... Buffalo  
 Oct 10 - 11 ... Rochester  
 Nov 7 - 8 ... Long Island  
 Nov 21 - 22 ... Buffalo

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

Jan 18 - 21 ... Long Island  
 Feb 28 - Mar 3 ... Syracuse  
 Mar 14 - 17 ... Buffalo  
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 Apr 25 - 28 ... Binghamton  
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 Jun 20 - 23 ... Rochester  
 Jun 27 - 30 ... Buffalo  
 Sep 19 - 22 ... Buffalo  
 Sep 26 - 29 ... Binghamton  
 Sep 26 - 29 ... Long Island  
 Oct 3 - 6 ... Rochester  
 Oct 24 - 27 ... Syracuse

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

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 Jun 20 - 23 ... Rochester  
 Jun 27 - 30 ... Buffalo  
 Sep 19 - 22 ... Buffalo  
 Sep 26 - 29 ... Binghamton  
 Sep 26 - 29 ... Long Island  
 Oct 3 - 6 ... Rochester  
 Oct 24 - 27 ... Syracuse, NY

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

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 Mar 21 - 24 ... Rochester  
 May 9 - 12 ... Long Island  
 Jun 20 - 23 ... Rochester  
 Jun 27 - 30 ... Buffalo  
 Sep 19 - 22 ... Buffalo  
 Sep 26 - 29 ... Long Island  
 Oct 3 - 6 ... Rochester

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

Feb 3 - 4 ... Rochester  
 Jun 2 - 3 ... Long Island  
 Jun 27 - 28 ... Rochester  
 Aug 8 - 9 ... Buffalo  
 Oct 10 - 11 ... Rochester  
 Nov 7 - 8 ... Long Island  
 Nov 21 - 22 ... Buffalo

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

Mar 4 ... Syracuse  
 Mar 18 ... Buffalo  
 Mar 25 ... Rochester  
 Apr 29 ... Binghamton  
 May 13 ... Long Island  
 Jun 10 ... Syracuse  
 Jun 24 ... Rochester  
 Jul 1 ... Buffalo  
 Sep 23 ... Buffalo  
 Sep 30 ... Long Island  
 Oct 7 ... Rochester  
 Oct 28 ... Syracuse, NY

### Hand Soldering Certification

Jan 3 - 7 ... Syracuse  
 Feb 14 - 18 ... Buffalo  
 Feb 21 - 25 ... Long Island  
 Mar 14 - 18 ... Rochester  
 Mar 28 - Apr 1 ... Binghamton  
 Apr 11 - 15 ... Syracuse  
 May 9 - 13 ... Buffalo  
 Jun 6 - 10 ... Binghamton  
 Jun 13 - 17 ... Rochester  
 Jul 18 - 22 ... Rochester  
 Aug 1 - 5 ... Long Island  
 Aug 15 - 19 ... Buffalo  
 Oct 10 - 14 ... Syracuse  
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