



### 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

## San Bruno, California

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

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

Apr 18 - 21  
Jun 20 - 23  
Nov 7 - 10

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

Apr 18 - 20  
Jun 20 - 22  
Nov 7 - 9

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

Apr 18 - 20  
Jun 20 - 22  
Nov 7 - 9

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

Apr 18 - 21  
Jun 20 - 23  
Nov 7 - 10

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

Nov 11

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

Jan 7 - 11  
Mar 28 - Apr 1  
May 2 - 6  
Oct 31 - Nov 4

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

Jan 7 - 11  
Mar 28 - Apr 1  
May 2 - 6  
Oct 31 - Nov 4

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

Jan 7 - 11  
Mar 28 - Apr 1  
May 2 - 6  
Oct 31 - Nov 4

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

Jan 7 - 11  
Mar 28 - Apr 1  
May 2 - 6  
Oct 31 - Nov 4

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

Mar 7 - 10  
Aug 22 - 25  
Dec 5 - 8

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

Mar 7 - 10  
Aug 22 - 25  
Dec 5 - 8

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

Mar 7 - 10  
Aug 22 - 25  
Dec 5 - 8

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

Mar 7 - 10  
Aug 22 - 25  
Dec 5 - 8

### IPC-A-620 Hands-on Labs

Aug 26  
Dec 9

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

May 23 - 25

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

May 23 - 25

### IPC-A-600 Certified IPC Specialist (CIS)

May 23 - 25

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

May 23 - 25

### IPC-A-600 Certified IPC Specialist (CSE)

May 23 - 25

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

May 23 - 25

### Hand Soldering Certification

Jan 3 - 7  
Apr 25 - 29  
Oct 3 - 7

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

Mar 11

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.