



### 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 Diego, California

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

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

Jan 25 - 28  
Apr 5 - 8  
Jul 19 - 22  
Sep 13 - 16

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

Jan 11 - 12  
Jul 7 - 8  
Oct 7 - 8

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

Jan 25 - 27  
Apr 5 - 7  
Jul 19 - 21  
Sep 13 - 15

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

Jan 25 - 27  
Apr 5 - 7  
Jul 19 - 21  
Sep 13 - 15

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

Jan 25 - 28  
Apr 5 - 8  
Jul 19 - 22  
Sep 13 - 16

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

Jan 11 - 12  
Jul 7 - 8  
Oct 7 - 8

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

Jan 29  
Jul 23  
Sep 17

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

Feb 15 - 19  
Jun 14 - 18  
Aug 16 - 20  
Nov 15 - 19

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

Jan 13 - 14  
Jun 9 - 10  
Oct 19 - 20

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

Feb 24  
Oct 21

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

Feb 24  
Oct 21

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

Feb 15 - 19  
Jun 14 - 18  
Aug 16 - 20  
Nov 15 - 19

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

Feb 15 - 19  
Jun 14 - 18  
Aug 16 - 20  
Nov 15 - 19

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

Feb 24  
Oct 21

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

Feb 24  
Oct 21

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

Feb 15 - 19  
Jun 14 - 18  
Aug 16 - 20  
Nov 15 - 19

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

Jan 13 - 14  
Jun 9 - 10  
Oct 19 - 20

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

Feb 24  
Oct 21

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

Feb 24  
Oct 21

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

FFeb 8 - 11  
Apr 12 - 15  
Sep 20 - 23  
Dec 13 - 16

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

Feb 22 - 23  
Jun 10 - 11  
Oct 5 - 6

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

Feb 8 - 11  
Apr 12 - 15  
Sep 20 - 23  
Dec 13 - 16

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

Feb 8 - 11  
Apr 12 - 15  
Sep 20 - 23  
Dec 13 - 16

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

Feb 8 - 11  
Apr 12 - 15  
Sep 20 - 23  
Dec 13 - 16

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

Feb 22 - 23  
Oct 5 - 6

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

Feb 12  
Mar 19  
Apr 16  
Dec 17

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

Mar 17 - 19  
Sep 29 - Oct 1

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

Mar 17 - 19  
Sep 29 - Oct 1

### IDEA Counterfeit Component Workshop

Jun 4

### IDEA Essentials

Mar 29 - 30  
Dec 9 - 10

### Hand Soldering Certification

Feb 1 - 5  
May 17 - 21  
Aug 30 - Sep 3  
Dec 13 - 17

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

Jan 15  
Jun 11  
Oct 22

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.