



### 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

## California San Diego, Anaheim & Santa Clara

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

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

Jan 25 - 28 ... San Diego  
Feb 15 - 18 ... Anaheim  
Apr 5 - 8 ... San Diego  
May 17 - 20 ... Anaheim  
Jul 19 - 22 ... San Diego  
Aug 23 - 26 ... Anaheim  
Sep 13 - 16 ... San Diego  
Dec 6 - 9 ... Anaheim

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

Jan 11 - 12 ... San Diego  
Feb 4 - 5 ... Anaheim  
Jun 7 - 8 ... San Diego  
Jul 12 - 13 ... Anaheim  
Oct 7 - 8 ... San Diego

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

Jan 25 - 27 ... San Diego  
Feb 15 - 17 ... Anaheim  
Apr 5 - 7 ... San Diego  
Apr 19 - 21 ... Santa Clara  
May 17 - 19 ... Anaheim  
Jun 21 - 23 ... Santa Clara  
Jul 19 - 21 ... San Diego  
Aug 23 - 25 ... Anaheim  
Sep 13 - 15 ... San Diego  
Nov 8 - 10 ... Santa Clara  
Dec 6 - 8 ... Anaheim

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

Jan 25 - 27 ... San Diego  
Feb 15 - 17 ... Anaheim  
Apr 5 - 7 ... San Diego  
Apr 19 - 21 ... Santa Clara  
May 17 - 19 ... Anaheim  
Jun 21 - 23 ... Santa Clara  
Jul 19 - 21 ... San Diego  
Aug 23 - 25 ... Anaheim  
Sep 13 - 15 ... San Diego  
Nov 8 - 10 ... Santa Clara  
Dec 6 - 8 ... Anaheim

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

Jan 25 - 28 ... San Diego  
Feb 15 - 18 ... Anaheim  
Apr 5 - 8 ... San Diego  
May 17 - 20 ... Anaheim  
Jul 19 - 22 ... San Diego  
Aug 23 - 26 ... Anaheim  
Sep 13 - 16 ... San Diego  
Dec 6 - 9 ... Anaheim

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

Jan 11 - 12 ... San Diego  
Feb 4 - 5 ... Anaheim  
Jun 7 - 8 ... San Diego  
Jul 12 - 13 ... Anaheim  
Oct 7 - 8 ... San Diego

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

Jan 29 ... San Diego  
Feb 19 ... Anaheim  
May 21 ... Anaheim  
Jul 23 ... San Diego  
Aug 27 ... Anaheim  
Sep 17 ... San Diego  
Nov 12 ... Santa Clara  
Dec 10 ... Anaheim

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

Jan 25 - 29 ... Anaheim  
Feb 15 - 19 ... San Diego  
Apr 12 - 16 ... Anaheim  
Jun 14 - 18 ... San Diego  
Jul 26 - 30 ... Anaheim  
Aug 16 - 20 ... San Diego  
Oct 18 - 22 ... Anaheim  
Nov 15 - 19 ... San Diego

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

Jan 13 - 14 ... San Diego  
Feb 2 - 3 ... Anaheim  
Jun 9 - 10 ... San Diego  
Jul 14 - 15 ... Anaheim  
Oct 19 - 20 ... San Diego

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

Feb 24 ... San Diego  
Oct 21 ... San Diego

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

Feb 24 ... San Diego  
Oct 21 ... San Diego

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

Jan 25 - 29 ... Anaheim  
Feb 15 - 19 ... San Diego  
Mar 29 - Apr 2 ... Santa Clara  
Apr 12 - 16 ... Anaheim  
May 3 - 7 ... Santa Clara  
Jun 14 - 18 ... San Diego  
Jul 26 - 30 ... Anaheim  
Aug 16 - 20 ... San Diego  
Oct 18 - 22 ... Anaheim  
Nov 1 - 5 ... Santa Clara  
Nov 15 - 19 ... San Diego

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

Jan 25 - 29 ... Anaheim  
Feb 15 - 19 ... San Diego  
Mar 29 - Apr 2 ... Santa Clara  
Apr 12 - 16 ... Anaheim  
May 3 - 7 ... Santa Clara  
Jun 14 - 18 ... San Diego  
Jul 26 - 30 ... Anaheim  
Aug 16 - 20 ... San Diego  
Oct 18 - 22 ... Anaheim  
Nov 1 - 5 ... Santa Clara  
Nov 15 - 19 ... San Diego

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

Feb 24 ... San Diego  
Oct 21 ... San Diego

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

Feb 24 ... San Diego  
Oct 21 ... San Diego

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.

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

Jan 25 - 29 ... Anaheim  
Feb 15 - 19 ... San Diego  
Apr 12 - 16 ... Anaheim  
Jun 14 - 18 ... San Diego  
Jul 26 - 30 ... Anaheim  
Aug 16 - 20 ... San Diego  
Oct 18 - 22 ... Anaheim  
Nov 15 - 19 ... San Diego

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

Jan 13 - 14 ... San Diego  
Feb 2 - 3 ... Anaheim  
Jun 9 - 10 ... San Diego  
Jul 14 - 15 ... Anaheim  
Oct 19 - 20 ... San Diego

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

Feb 24 ... San Diego  
Oct 21 ... San Diego

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

Feb 24 ... San Diego  
Oct 21 ... San Diego

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

Feb 8 - 11 ... San Diego  
Mar 15 - 18 ... Anaheim  
Apr 12 - 15 ... San Diego  
Jun 14 - 17 ... Anaheim  
Sep 13 - 16 ... Anaheim  
Sep 20 - 23 ... San Diego  
Nov 16 - 19 ... Anaheim  
Dec 13 - 16 ... San Diego

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

Feb 22 - 23 ... San Diego  
Jun 10 - 11 ... Anaheim  
Sep 1 - 2 ... Anaheim  
Oct 5 - 6 ... San Diego

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

Feb 8 - 11 ... San Diego  
Mar 8 - 11 ... Santa Clara  
Mar 15 - 18 ... Anaheim  
Apr 12 - 15 ... San Diego  
Jun 14 - 17 ... Anaheim  
Aug 23 - 26 ... Santa Clara  
Sep 13 - 16 ... Anaheim  
Sep 20 - 23 ... San Diego  
Nov 16 - 19 ... Anaheim  
Dec 6 - 9 ... Santa Clara  
Dec 13 - 16 ... San Diego

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

Feb 8 - 11 ... San Diego  
Mar 8 - 11 ... Santa Clara  
Mar 15 - 18 ... Anaheim  
Apr 12 - 15 ... San Diego  
Jun 14 - 17 ... Anaheim  
Aug 23 - 26 ... Santa Clara  
Sep 13 - 16 ... Anaheim  
Sep 20 - 23 ... San Diego  
Nov 16 - 19 ... Anaheim  
Dec 6 - 9 ... Santa Clara  
Dec 13 - 16 ... San Diego

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

Feb 8 - 11 ... San Diego  
Mar 15 - 18 ... Anaheim  
Apr 12 - 15 ... San Diego  
Jun 14 - 17 ... Anaheim  
Sep 13 - 16 ... Anaheim  
Sep 20 - 23 ... San Diego  
Nov 16 - 19 ... Anaheim  
Dec 13 - 16 ... San Diego

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

Feb 22 - 23 ... San Diego  
Jun 10 - 11 ... Anaheim  
Sep 1 - 2 ... Anaheim  
Oct 5 - 6 ... San Diego

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

Feb 12 ... San Diego  
Mar 19 ... Anaheim  
Apr 16 ... San Diego  
Jun 18 ... Anaheim  
Aug 27 ... Santa Clara  
Sep 17 ... Anaheim  
Dec 3 ... Santa Clara  
Dec 17 ... San Diego

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

Mar 17 - 19 ... San Diego  
May 5 - 7 ... Santa Clara  
Sep 29 - Oct 1 ... San Diego

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

Mar 17 - 19 ... San Diego  
May 5 - 7 ... Santa Clara  
Sep 29 - Oct 1 ... San Diego

### IDEA Counterfeit Component Workshop

Jun 4 ... San Diego

### IDEA Essentials

Mar 29 - 30 ... San Diego  
May 24 - 25 ... Anaheim  
Aug 30 - 31 ... Anaheim  
Dec 9 - 10 ... San Diego

### Hand Soldering Certification

Jan 4 - 8 ... Santa Clara  
Feb 1 - 5 ... San Diego  
Mar 8 - 12 ... Anaheim  
Apr 26 - 30 ... Santa Clara  
May 17 - 21 ... San Diego  
Jun 21 - 25 ... Anaheim  
Aug 30 - Sep 3 ... San Diego  
Sep 20 - 24 ... Anaheim  
Oct 4 - 8 ... Santa Clara  
Nov 29 - Dec 3 ... Anaheim  
Dec 13 - 17 ... San Diego

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

Jan 15 ... San Diego  
Feb 1 ... Anaheim  
Mar 12 ... Santa Clara  
Apr 9 ... Anaheim  
Jun 11 ... San Diego  
Jul 16 ... Anaheim  
Oct 22 ... San Diego