



### 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 & San Jose

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

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

Jan 24 - 27 ... San Diego  
 Feb 7 - 10 ... San Jose  
 Feb 14 - 17 ... Anaheim  
 Apr 4 - 7 ... San Diego  
 Apr 18 - 21 ... San Jose  
 May 16 - 19 ... Anaheim  
 Jun 20 - 23 ... San Jose  
 Jul 18 - 21 ... San Diego  
 Aug 22 - 25 ... Anaheim  
 Sep 12 - 15 ... San Diego  
 Sep 19 - 22 ... San Jose  
 Nov 7 - 10 ... San Jose  
 Dec 5 - 8 ... Anaheim

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

Jan 10 - 11 ... San Diego  
 Feb 3 - 4 ... Anaheim  
 Jun 6 - 7 ... San Diego  
 Jul 11 - 12 ... Anaheim  
 Oct 3 - 4 ... San Diego

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

Jan 24 - 26 ... San Diego  
 Feb 7 - 9 ... San Jose  
 Feb 14 - 16 ... Anaheim  
 Apr 4 - 6 ... San Diego  
 Apr 18 - 20 ... San Jose  
 May 16 - 18 ... Anaheim  
 Jun 20 - 22 ... San Jose  
 Jul 18 - 20 ... San Diego  
 Aug 22 - 24 ... Anaheim  
 Sep 12 - 14 ... San Diego  
 Sep 19 - 21 ... San Jose  
 Nov 7 - 9 ... San Jose  
 Dec 5 - 7 ... Anaheim

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

Jan 24 - 26 ... San Diego  
 Feb 7 - 9 ... San Jose  
 Feb 14 - 16 ... Anaheim  
 Apr 4 - 6 ... San Diego  
 Apr 18 - 20 ... San Jose  
 May 16 - 18 ... Anaheim  
 Jun 20 - 22 ... San Jose  
 Jul 18 - 20 ... San Diego  
 Aug 22 - 24 ... Anaheim  
 Sep 12 - 14 ... San Diego  
 Sep 19 - 21 ... San Jose  
 Nov 7 - 9 ... San Jose  
 Dec 5 - 7 ... Anaheim

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

Jan 24 - 27 ... San Diego  
 Feb 14 - 17 ... Anaheim  
 Apr 4 - 7 ... San Diego  
 Apr 18 - 21 ... San Jose  
 May 16 - 19 ... Anaheim  
 Jun 20 - 23 ... San Jose  
 Jul 18 - 21 ... San Diego  
 Aug 22 - 25 ... Anaheim  
 Sep 12 - 15 ... San Diego  
 Nov 7 - 10 ... San Jose  
 Dec 5 - 8 ... Anaheim

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

Jan 10 - 11 ... San Diego  
 Feb 3 - 4 ... Anaheim  
 Jun 6 - 7 ... San Diego  
 Jul 11 - 12 ... Anaheim  
 Oct 3 - 4 ... San Diego

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

Jan 28 ... San Diego  
 Feb 11 ... San Jose  
 Feb 18 ... Anaheim  
 May 20 ... Anaheim  
 Jul 22 ... San Diego  
 Aug 26 ... Anaheim  
 Sep 16 ... San Diego  
 Sep 23 ... San Jose  
 Nov 11 ... San Jose  
 Dec 9 ... Anaheim

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

Jan 3 - 7 ... San Jose  
 Jan 24 - 28 ... Anaheim  
 Feb 14 - 18 ... San Diego  
 Mar 28 - Apr 1 ... San Jose  
 Apr 11 - 15 ... Anaheim  
 May 2 - 6 ... San Jose  
 Jun 13 - 17 ... San Diego  
 Jul 25 - 29 ... Anaheim  
 Aug 15 - 19 ... San Diego  
 Oct 10 - 14 ... Anaheim  
 Oct 31 - Nov 4 ... San Jose  
 Nov 14 - 18 ... San Diego

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

Jan 12 - 13 ... San Diego  
 Feb 1 - 2 ... Anaheim  
 Jun 8 - 9 ... San Diego  
 Jul 13 - 14 ... Anaheim  
 Oct 5 - 6 ... San Diego

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

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

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

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

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

Jan 3 - 7 ... San Jose  
 Jan 24 - 28 ... Anaheim  
 Feb 14 - 18 ... San Diego  
 Mar 28 - Apr 1 ... San Jose  
 Apr 11 - 15 ... Anaheim  
 May 2 - 6 ... San Jose  
 Jun 13 - 17 ... San Diego  
 Jul 25 - 29 ... Anaheim  
 Aug 15 - 19 ... San Diego  
 Oct 10 - 14 ... Anaheim  
 Oct 31 - Nov 4 ... San Jose  
 Nov 14 - 18 ... San Diego

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

Jan 3 - 7 ... San Jose  
 Jan 24 - 28 ... Anaheim  
 Feb 14 - 18 ... San Diego  
 Mar 28 - Apr 1 ... San Jose  
 Apr 11 - 15 ... Anaheim  
 May 2 - 6 ... San Jose  
 Jun 13 - 17 ... San Diego  
 Jul 25 - 29 ... Anaheim  
 Aug 15 - 19 ... San Diego  
 Oct 10 - 14 ... Anaheim  
 Oct 31 - Nov 4 ... San Jose  
 Nov 14 - 18 ... San Diego

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

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

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

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

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

Jan 3 - 7 ... San Jose  
 Jan 24 - 28 ... Anaheim  
 Feb 14 - 18 ... San Diego  
 Mar 28 - Apr 1 ... San Jose  
 Apr 11 - 15 ... Anaheim  
 May 2 - 6 ... San Jose  
 Jun 13 - 17 ... San Diego  
 Jul 25 - 29 ... Anaheim  
 Aug 15 - 19 ... San Diego  
 Oct 10 - 14 ... Anaheim  
 Oct 31 - Nov 4 ... San Jose  
 Nov 14 - 18 ... San Diego

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

Jan 12 - 13 ... San Diego  
 Feb 1 - 2 ... Anaheim  
 Jun 8 - 9 ... San Diego  
 Jul 13 - 14 ... Anaheim  
 Oct 5 - 6 ... San Diego

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

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

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

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

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

Jan 4 - 7 ... Anaheim  
 Feb 7 - 10 ... San Diego  
 Mar 7 - 10 ... San Jose  
 Mar 14 - 17 ... Anaheim  
 Apr 11 - 14 ... San Diego  
 Jun 13 - 16 ... Anaheim  
 Aug 22 - 25 ... San Jose  
 Sep 12 - 15 ... Anaheim  
 Sep 19 - 22 ... San Diego  
 Nov 15 - 18 ... Anaheim  
 Dec 5 - 8 ... San Jose  
 Dec 19 - 22 ... San Diego

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

Feb 22 - 23 ... San Diego  
 Jun 9 - 10 ... Anaheim  
 Aug 29 - 30 ... Anaheim  
 Oct 19 - 20 ... San Diego

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

Jan 4 - 7 ... Anaheim  
 Feb 7 - 10 ... San Diego  
 Mar 7 - 10 ... San Jose  
 Mar 14 - 17 ... Anaheim  
 Apr 11 - 14 ... San Diego  
 Jun 13 - 16 ... Anaheim  
 Aug 22 - 25 ... San Jose  
 Sep 12 - 15 ... Anaheim  
 Sep 19 - 22 ... San Diego  
 Nov 15 - 18 ... Anaheim  
 Dec 5 - 8 ... San Jose  
 Dec 19 - 22 ... San Diego

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

Jan 4 - 7 ... Anaheim  
 Feb 7 - 10 ... San Diego  
 Mar 7 - 10 ... San Jose  
 Mar 14 - 17 ... Anaheim  
 Apr 11 - 14 ... San Diego  
 Jun 13 - 16 ... Anaheim  
 Aug 22 - 25 ... San Jose  
 Sep 12 - 15 ... Anaheim  
 Sep 19 - 22 ... San Diego  
 Nov 15 - 18 ... Anaheim  
 Dec 5 - 8 ... San Jose  
 Dec 19 - 22 ... San Diego

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

Jan 4 - 7 ... Anaheim  
 Feb 7 - 10 ... San Diego  
 Mar 7 - 10 ... San Jose  
 Mar 14 - 17 ... Anaheim  
 Apr 11 - 14 ... San Diego  
 Jun 13 - 16 ... Anaheim  
 Aug 22 - 25 ... San Jose  
 Sep 12 - 15 ... Anaheim  
 Sep 19 - 22 ... San Diego  
 Nov 15 - 18 ... Anaheim  
 Dec 5 - 8 ... San Jose  
 Dec 19 - 22 ... San Diego

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

Feb 22 - 23 ... San Diego  
 Jun 9 - 10 ... Anaheim  
 Aug 29 - 30 ... Anaheim  
 Oct 19 - 20 ... San Diego

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

Feb 11 ... San Diego  
 Mar 18 ... Anaheim  
 Apr 15 ... San Diego  
 Jun 17 ... Anaheim  
 Aug 26 ... San Jose  
 Sep 16 ... Anaheim  
 Dec 9 ... San Jose

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-6012 Instructor & Operator Certification

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

May 23 - 25 ... San Jose

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

May 23 - 25 ... San Jose

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

Mar 16 - 18 ... San Diego

May 23 - 25 ... San Jose

Sep 28 - 30 ... San Diego

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

Mar 16 - 18 ... San Diego

May 23 - 25 ... San Jose

Sep 28 - 30 ... San Diego

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

May 23 - 25 ... San Jose

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

May 23 - 25 ... San Jose

### IPC-7711/7721 Certified IPC Trainer (CIT)

Apr 4 - 8 ... San Jose

Aug 8 - 12 ... San Jose

Nov 28 - Dec 2 ... San Jose

### IPC-7711/7721 Certified IPC Specialist (CIS)

Apr 4 - 8 ... San Jose

Aug 8 - 12 ... San Jose

Nov 28 - Dec 2 ... San Jose

### IPC CID Certification

Jan 21 - 24 ... San Diego

### IPC CID+ Certification

Jan 21 - 24 ... San Diego

### Hand Soldering Certification

Jan 10 - 14 ... San Jose

Jan 31 - Feb 4 ... San Diego

Mar 21 - 25 ... Anaheim

Apr 25 - 29 ... San Jose

May 16 - 20 ... San Diego

Jun 20 - 24 ... Anaheim

Jul 11 - 15 ... San Jose

Aug 29 - Sep 2 ... San Diego

Sep 19 - 23 ... Anaheim

Oct 3 - 7 ... San Jose

Nov 28 - Dec 2 ... Anaheim

Dec 12 - 16 ... San Jose

Dec 12 - 16 ... San Diego

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

Jan 14 ... San Diego

Jan 31 ... Anaheim

Mar 11 ... San Jose

Apr 8 ... Anaheim

Jun 10 ... San Diego

Jul 15 ... Anaheim

Oct 7 ... 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.