



### 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 15 - 18	San Diego
Feb 12 - 15	San Jose
Feb 19 - 22	Anaheim
Mar 12 - 15	San Diego
Apr 15 - 18	Anaheim
Apr 15 - 18	San Jose
May 13 - 16	San Diego
Jun 17 - 20	San Jose
Jun 24 - 27	Anaheim
Jul 15 - 18	San Diego
Aug 5 - 8	San Jose
Aug 26 - 29	Anaheim
Sep 16 - 19	San Diego
Oct 14 - 17	San Jose
Nov 11 - 14	Anaheim
Nov 18 - 21	San Diego
Dec 2 - 5	San Jose

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

Jan 8 - 9	San Diego
Jan 22 - 23	Anaheim
Feb 5 - 6	San Jose
Apr 22 - 23	San Jose
Apr 29 - 30	Anaheim
Jun 3 - 4	San Jose
Jun 10 - 11	San Diego
Aug 12 - 13	San Jose
Oct 7 - 8	San Diego
Oct 28 - 29	Anaheim
Oct 28 - 29	San Jose

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

Jan 15 - 17	San Diego
Feb 12 - 14	San Jose
Feb 19 - 21	Anaheim
Mar 12 - 14	San Diego
Apr 15 - 17	Anaheim
Apr 15 - 17	San Jose
May 13 - 15	San Diego
Jun 17 - 19	San Jose
Jun 24 - 26	Anaheim
Jul 15 - 17	San Diego
Aug 5 - 7	San Jose
Aug 26 - 28	Anaheim
Sep 16 - 18	San Diego
Oct 14 - 16	San Jose
Nov 11 - 13	Anaheim
Nov 18 - 20	San Diego
Dec 2 - 4	San Jose

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

Jan 15 - 17	San Diego
Feb 12 - 14	San Jose
Feb 19 - 21	Anaheim
Mar 12 - 14	San Diego
Apr 15 - 17	Anaheim
Apr 15 - 17	San Jose
May 13 - 15	San Diego
Jun 17 - 19	San Jose
Jun 24 - 26	Anaheim
Jul 15 - 17	San Diego
Aug 5 - 7	San Jose
Aug 26 - 28	Anaheim
Sep 16 - 18	San Diego
Oct 14 - 16	San Jose
Nov 11 - 13	Anaheim
Nov 18 - 20	San Diego
Dec 2 - 4	San Jose

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

Jan 15 - 18	San Diego
Feb 12 - 15	San Jose
Feb 19 - 22	Anaheim
Mar 12 - 15	San Diego
Apr 15 - 18	Anaheim
Apr 15 - 18	San Jose
May 13 - 16	San Diego
Jun 17 - 20	San Jose
Jun 24 - 27	Anaheim
Jul 15 - 18	San Diego
Aug 5 - 8	San Jose
Aug 26 - 29	Anaheim
Sep 16 - 19	San Diego
Oct 14 - 17	San Jose
Nov 11 - 14	Anaheim
Nov 18 - 21	San Diego
Dec 2 - 5	San Jose

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

Jan 8 - 9	San Diego
Jan 22 - 23	Anaheim
Feb 5 - 6	San Jose
Apr 22 - 23	San Jose
Apr 29 - 30	Anaheim
Jun 3 - 4	San Jose
Jun 10 - 11	San Diego
Aug 12 - 13	San Jose
Oct 7 - 8	San Diego
Oct 28 - 29	Anaheim
Oct 28 - 29	San Jose

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

Jan 19	San Diego
Feb 16	San Jose
Feb 23	Anaheim
Apr 19	Anaheim
Apr 19	San Jose
May 17	San Diego
Jun 21	San Jose
Jun 28	Anaheim
Jul 19	San Diego
Aug 9	San Jose
Aug 30	Anaheim
Sep 20	San Diego
Oct 18	San Jose
Nov 15	Anaheim
Nov 22	San Diego
Dec 6	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.

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

Jan 8 - 12	San Jose
Jan 29 - Feb 2	Anaheim
Feb 26 - Mar 1	San Diego
Mar 18 - 22	Anaheim
Mar 18 - 22	San Jose
May 6 - 10	Anaheim
May 6 - 10	San Jose
Jun 3 - 7	San Diego
Jul 8 - 12	San Jose
Jul 29 - Aug 2	Anaheim
Aug 12 - 16	San Diego
Sep 9 - 13	San Jose
Oct 21 - 25	Anaheim
Nov 4 - 8	San Jose
Nov 11 - 15	San Diego

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

Jan 10 - 11	San Diego
Jan 24 - 25	Anaheim
Feb 7 - 8	San Jose
Apr 24 - 25	San Jose
May 1 - 2	Anaheim
Jun 5 - 6	San Jose
Jun 12 - 13	San Diego
Aug 14 - 15	San Jose
Oct 9 - 10	San Diego
Oct 30 - 31	San Jose
Oct 30 - 31	Anaheim

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

Nov 1 ..... Anaheim

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

See On-Line Class Schedule

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

Jan 8 - 12	San Jose
Jan 29 - Feb 2	Anaheim
Feb 26 - Mar 1	San Diego
Mar 18 - 22	Anaheim
Mar 18 - 22	San Jose
May 6 - 10	Anaheim
May 6 - 10	San Jose
Jun 3 - 7	San Diego
Jul 8 - 12	San Jose
Jul 29 - Aug 2	Anaheim
Aug 12 - 16	San Diego
Sep 9 - 13	San Jose
Oct 21 - 25	Anaheim
Nov 4 - 8	San Jose
Nov 11 - 15	San Diego

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

Jan 8 - 12	San Jose
Jan 29 - Feb 2	Anaheim
Feb 26 - Mar 1	San Diego
Mar 18 - 22	Anaheim
Mar 18 - 22	San Jose
May 6 - 10	Anaheim
May 6 - 10	San Jose
Jun 3 - 7	San Diego
Jul 8 - 12	San Jose
Jul 29 - Aug 2	Anaheim
Aug 12 - 16	San Diego
Sep 9 - 13	San Jose
Oct 21 - 25	Anaheim
Nov 4 - 8	San Jose
Nov 11 - 15	San Diego

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

Nov 1 ..... Anaheim

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

Jan 8 - 12	San Jose
Jan 29 - Feb 2	Anaheim
Feb 26 - Mar 1	San Diego
Mar 18 - 22	Anaheim
Mar 18 - 22	San Jose
May 6 - 10	Anaheim
May 6 - 10	San Jose
Jun 3 - 7	San Diego
Jul 8 - 12	San Jose
Jul 29 - Aug 2	Anaheim
Aug 12 - 16	San Diego
Sep 9 - 13	San Jose
Oct 21 - 25	Anaheim
Nov 4 - 8	San Jose
Nov 11 - 15	San Diego

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

Jan 10 - 11	San Diego
Jan 24 - 25	Anaheim
Feb 7 - 8	San Jose
Apr 24 - 25	San Jose
May 1 - 2	Anaheim
Jun 5 - 6	San Jose
Jun 12 - 13	San Diego
Aug 14 - 15	San Jose
Oct 9 - 10	San Diego
Oct 30 - 31	San Jose
Oct 30 - 31	Anaheim

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

Nov 1 ..... Anaheim

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

See On-Line Class Schedule

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

Jan 15 - 18	San Jose
Feb 5 - 8	Anaheim
Feb 12 - 15	San Diego
Mar 11 - 14	San Jose
Apr 8 - 11	San Diego
Apr 22 - 25	Anaheim
May 13 - 16	San Jose
Jun 17 - 20	Anaheim
Jul 22 - 25	San Jose
Aug 5 - 8	San Diego
Aug 19 - 22	Anaheim
Sep 16 - 19	San Jose
Oct 14 - 17	San Diego
Nov 4 - 7	Anaheim
Nov 11 - 14	San Jose

To view all of the available classes, please see our Master Schedule and On-Line Schedule.



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Jan 15 - 18	San Jose
Feb 5 - 8	Anaheim
Feb 12 - 15	San Diego
Mar 11 - 14	San Jose
Apr 8 - 11	San Diego
Apr 22 - 25	Anaheim
May 13 - 16	San Jose
Jun 17 - 20	Anaheim
Jul 22 - 25	San Jose
Aug 5 - 8	San Diego
Aug 19 - 22	Anaheim
Sep 16 - 19	San Jose
Oct 14 - 17	San Diego
Nov 4 - 7	Anaheim
Nov 11 - 14	San Jose

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

Jan 15 - 18	San Jose
Feb 5 - 8	Anaheim
Feb 12 - 15	San Diego
Mar 11 - 14	San Jose
Apr 8 - 11	San Diego
Apr 22 - 25	Anaheim
May 13 - 16	San Jose
Jun 17 - 20	Anaheim
Jul 22 - 25	San Jose
Aug 5 - 8	San Diego
Aug 19 - 22	Anaheim
Sep 16 - 19	San Jose
Oct 14 - 17	San Diego
Nov 4 - 7	Anaheim
Nov 11 - 14	San Jose

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

Jan 15 - 18	San Jose
Feb 5 - 8	Anaheim
Feb 12 - 15	San Diego
Mar 11 - 14	San Jose
Apr 8 - 11	San Diego
Apr 22 - 25	Anaheim
May 13 - 16	San Jose
Jun 17 - 20	Anaheim
Jul 22 - 25	San Jose
Aug 5 - 8	San Diego
Aug 19 - 22	Anaheim
Sep 16 - 19	San Jose
Oct 14 - 17	San Diego
Nov 4 - 7	Anaheim
Nov 11 - 14	San Jose

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

Jan 19	San Jose
Feb 9	Anaheim
Feb 16	San Diego
Mar 15	San Jose
Apr 12	San Diego
Apr 26	Anaheim
May 17	San Jose
Jun 21	Anaheim
Jul 26	San Jose
Aug 9	San Diego
Aug 23	Anaheim
Sep 20	San Jose
Oct 18	San Diego
Nov 8	Anaheim
Nov 15	San Jose

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

Jan 22 - 26	San Jose
Feb 19 - 23	San Jose
Apr 8 - 12	San Jose
Jun 10 - 14	San Jose
Aug 26 - 30	San Jose
Oct 21 - 25	San Jose
Dec 16 - 20	San Jose

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

Mar 27 - 28	San Jose
Jul 29 - 30	San Jose
Oct 3 - 4	San Jose

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

Jan 22 - 26	San Jose
Feb 19 - 23	San Jose
Apr 8 - 12	San Jose
Jun 10 - 14	San Jose
Aug 26 - 30	San Jose
Oct 21 - 25	San Jose
Dec 16 - 20	San Jose

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

Mar 27 - 28	San Jose
Jul 29 - 30	San Jose
Oct 3 - 4	San Jose

### IPC-7711/7721 Certified Standards Expert (CSE)

Jan 22 - 26	San Jose
Feb 19 - 23	San Jose
Apr 8 - 12	San Jose
Jun 10 - 14	San Jose
Aug 26 - 30	San Jose
Oct 21 - 25	San Jose
Dec 16 - 20	San Jose

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

Mar 27 - 28	San Jose
Jul 29 - 30	San Jose
Oct 3 - 4	San Jose

### Hand Soldering Certification

Jan 29 - Feb 2	San Jose
Mar 4 - 8	San Diego
Mar 4 - 8	San Jose
Mar 25 - 29	Anaheim
Apr 29 - May 3	San Jose
May 20 - 24	San Diego
Jun 24 - 28	San Jose
Jul 8 - 12	San Diego
Jul 15 - 19	San Jose
Jul 22 - 26	Anaheim
Aug 19 - 23	San Jose
Sep 9 - 13	Anaheim
Sep 23 - 27	San Diego
Sep 23 - 27	San Jose
Oct 7 - 11	San Jose
Nov 18 - 22	San Jose
Dec 2 - 6	San Diego
Dec 9 - 13	San Jose
Dec 16 - 20	Anaheim

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

Jan 5	San Jose
Jan 12	San Diego
Mar 11	San Diego
Mar 29	San Jose
May 3	Anaheim
Jun 7	San Jose
Jun 14	San Diego
Sep 6	San Jose
Oct 11	San Diego
Nov 1	San Jose

### Advanced SMT Micro Hand Soldering Certification

Feb 26 - 27	San Jose
May 20 - 21	San Jose
Sep 4 - 5	San Jose

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