



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

Become certified to train your workforce to identify accept/reject criteria for all three classes of assembly production.

Jan 28 - 31
Apr 8 - 11
Jul 22 - 25
Oct 14 - 17

Recertifications (Req. 24 mos.)

Apr 15 - 16
Jul 8 - 9
Nov 4 - 5

IPC-A-610 Certified IPC Specialist

Learn the accept/reject criteria for all three classes of assembly production as published in the most widely used inspection specification, IPC-A-610.

Jan 28 - 30
Apr 8 - 10
Jul 22 - 24
Oct 14 - 16

Recertifications (Req. 24 mos.)

Jan 28 - 30
Apr 8 - 10
Jul 22 - 24
Oct 14 - 16

Interactive PCB Inspection Lab (optional)

Hands-on inspection of real PCB assemblies and application of accept/reject criteria.

Feb 1
Apr 12
Jul 26
Oct 18

IPC-A-600 Certified IPC Specialist

Learn quality standards of PCBs and be certified for inspection of bare boards.

Aug 27 - 29

Recertifications (Req. 24 mos.)

Aug 27 - 29

J-STD-001 Certified IPC Trainer

Acquire the skills, instructional materials and industry certification to deliver IPC's J-STD-001 Operator Training program.

Mar 4 - 8
Jun 3 - 7
Sep 23 - 27
Dec 9 - 13

Recertifications (Req. 24 mos.)

Apr 17 - 18
Jul 10 - 11
Nov 6 - 7

J-STD-001 Space Addendum Certified IPC Trainer (optional)

Apr 19
Jul 12
Nov 8

Recertifications (Req. 24 mos.)

Apr 19
Jul 12
Nov 8

J-STD-001 Certified IPC Specialist

Interpret the J-STD-001 specification in 5 one-day modules: Theory, Wires & Terminals, Through-Hole, Surface Mount and Inspection

Mar 4 - 8
Jun 3 - 7
Sep 23 - 27
Dec 9 - 13

J-STD-001 Space Addendum Certified IPC Specialist (optional)

Module 6 covering the 001 Space Addendum.

Apr 19
Jul 12
Nov 8

Recertifications (Req. 24 mos.)

Apr 19
Jul 12
Nov 8

IDEA-STD-1010 Essentials

Develop an in-depth knowledge of the IDEA-STD-1010 "Acceptability of Electronic Components Distributed in the Open Market" standard and a thorough understanding of its contents, application and use in the component inspection counterfeit detection process.

Mar 18 - 19
Aug 8 - 9
Dec 16 - 17

IPC-A-620 Certified IPC Trainer

Become an expert in the quality standards of Wireble and Harness, and be certified for inspection and instruction.

Feb 4 - 7
May 20 - 23
Aug 12 - 15
Nov 11 - 14

Recertifications (Req. 24 mos.)

Mar 21 - 22
Oct 23 - 24

IPC-A-620 Certified IPC Specialist

Learn assembly requirements and accept/reject criteria for all three classes of cable and wire harness assembly.

Feb 4 - 7
May 20 - 23
Aug 12 - 15
Nov 11 - 14

Recertifications (Req. 24 mos.)

Feb 4 - 7
May 20 - 23
Aug 12 - 15
Nov 11 - 14

IPC-A-620 Hands On Labs (optional)

Additional day of hands-on labs in which students perform necessary procedures for building an entire wire harness assembly

Feb 8
May 24
Nov 15

IPC-6012 Certified IPC Specialist

Learn about the design, specifications, fabrication and inspection of printed circuit boards.

Jun 18 - 21
Dec 3 - 6

Recertifications (Req. 24 mos.)

Jun 18 - 21
Dec 3 - 6

IPC Certified Interconnect Designer

This course delves into design and fabrication issues that go beyond the fundamentals of layout, component placement and routing consideration to understanding fabrication materials, testing of not only electrical, but physical aspects of boards, electrical and signaling issues, complex component mounting strategies and requirements, and fabrication considerations for high end circuitry.

Jan 31 - Feb 3

IPC Advanced Certified Interconnect Designer

This course delves into design and fabrication issues that go beyond the fundamentals of layout, component placement and routing consideration to understanding fabrication materials, testing of not only electrical, but physical aspects of boards, electrical and signaling issues, complex component mounting strategies and requirements, and fabrication considerations for high end circuitry.

Jan 31 - Feb 3

Hand Soldering Certification

Introduces the basics of soldering, terms & definitions and equipment familiarization. Wires and Terminals, and Through-Hole Soldering and Rework is taught through hands-on construction and inspection of two Through-Hole boards. Students learn the accept/reject criteria for Surface Mount Assembly and Rework first hand through the construction, inspection and rework of a surface mount board.

Lead and Lead-free included.

Mar 25 - 29
Apr 29 - May 3
Jul 15 - 19
Oct 28 - Nov 1

Recertifications

Mar 20
Sep 4

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.