



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

Anaheim, 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.

Feb 17 - 20
May 18 - 21
Aug 24 - 27
Dec 7 - 10

Recertifications (Req. 24 mos.)

Feb 10 - 11
Jul 13 - 14

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.

Feb 17 - 19
May 18 - 20
Aug 24 - 26
Dec 7 - 9

Recertifications (Req. 24 mos.)

Feb 17 - 19
May 18 - 20
Aug 24 - 26
Dec 7 - 9

IPC-A-610 Standard Expert

Become a subject matter expert in IPC-A-610.

Feb 17 - 20
May 18 - 21
Aug 24 - 27
Dec 7 - 10

Interactive PCB Inspection Lab

(optional)

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

Feb 21
May 22
Aug 28
Dec 11

J-STD-001 Certified IPC Trainer

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

Jan 27 - 31
Apr 13 - 17
Jul 20 - 24
Oct 19 - 23

Recertifications (Req. 24 mos.)

Feb 12 - 13
Jul 15 - 16

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

Jan 27 - 31
Apr 13 - 17
Jul 20 - 24
Oct 19 - 23

Recertifications (Req. 24 mos.)

Jan 27 - 31
Apr 13 - 17
Jul 20 - 24
Oct 19 - 23

J-STD-001 Standard Expert

Become a subject matter expert in J-STD-001.

Jan 27 - 31
Apr 13 - 17
Jul 20 - 24
Oct 19 - 23

IPC-A-620 Certified IPC Trainer

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

Mar 16 - 19
Jun 15 - 18
Nov 17 - 20

Recertifications (Req. 24 mos.)

Jul 9 - 10
Oct 8 - 9

IPC-A-620 Certified IPC Specialist

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

Mar 16 - 19
Jun 15 - 18
Nov 17 - 20

Recertifications (Req. 24 mos.)

Mar 16 - 19
Jun 15 - 18
Nov 17 - 20

IPC-A-620 Standard Expert

Become a subject matter expert in IPC-A-620.

Mar 16 - 19
Jun 15 - 18
Nov 17 - 20

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.

Mar 20
Jun 19

IPC-6012 Certified IPC Specialist

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

May 11 - 14
Dec 28 - 31

Recertifications (Req. 24 mos.)

May 11 - 14
Dec 28 - 31

IPC Certified Interconnect Designer

This course goes beyond the fundamentals of component placement and track routing to encompass a complete understanding of all the elements that go into the development of a printed circuit board.

Oct 27 - 30

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.

Oct 27 - 30

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.

Jan 20 - 24
Apr 20 - 24
Aug 3 - 7
Nov 9 - 13

Recertifications

Feb 14
Jul 17

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.

May 28 - 29
Oct 6 - 7

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.