



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

HARNESSES 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

Ohio & Pennsylvania Akron, OH | Pittsburgh, PA

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 20 - 23 Pittsburgh, PA
 Jun 1 - 4 Pittsburgh, PA
 Jun 15 - 18 Akron, OH
 Nov 9 - 12 Akron, OH
 Nov 30 - Dec 3 Pittsburgh, PA

Recertifications (Req. 24 mos.)

Feb 3 - 4 Akron, OH

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 20 - 22 Pittsburgh, PA
 Jun 1 - 3 Pittsburgh, PA
 Jun 15 - 17 Akron, OH
 Nov 9 - 11 Akron, OH
 Nov 30 - Dec 2 Pittsburgh, PA

Recertifications (Req. 24 mos.)

Jan 20 - 22 Pittsburgh, PA
 Jun 1 - 3 Pittsburgh, PA
 Jun 15 - 17 Akron, OH
 Nov 9 - 11 Akron, OH
 Nov 30 - Dec 2 Pittsburgh, PA

IPC-A-610 Standard Expert

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

Jan 20 - 23 Pittsburgh, PA
 Jun 1 - 4 Pittsburgh, PA
 Jun 15 - 18 Akron, OH
 Nov 9 - 12 Akron, OH
 Nov 30 - Dec 3 Pittsburgh, PA

Interactive PCB Inspection Lab

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

Jan 24 Pittsburgh, PA
 Jun 5 Pittsburgh, PA
 Jun 19 Akron, OH
 Nov 13 Akron, OH
 Dec 4 Pittsburgh, PA

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 23 - 27 Pittsburgh, PA
 Mar 30 - Apr 3 Akron, OH
 Aug 10 - 14 Akron, OH
 Aug 24 - 28 Pittsburgh, PA

Recertifications (Req. 24 mos.)

Mar 23 - 27 Pittsburgh, PA
 Mar 30 - Apr 3 Akron, OH
 Aug 10 - 14 Akron, OH
 Aug 24 - 28 Pittsburgh, PA

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.

IPC-A-620 Certified IPC Trainer

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

Feb 10 - 13 Pittsburgh, PA
 May 11 - 14 Akron, OH
 Sep 8 - 11 Pittsburgh, PA
 Sep 14 - 17 Akron, OH

Recertifications (Req. 24 mos.)

Jun 22 - 23 Pittsburgh, PA

IPC-A-620 Certified IPC Specialist

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

Feb 10 - 13 Pittsburgh, PA
 May 11 - 14 Akron, OH
 Sep 8 - 11 Pittsburgh, PA
 Sep 14 - 17 Akron, OH

Recertifications (Req. 24 mos.)

Feb 10 - 13 Pittsburgh, PA
 May 11 - 14 Akron, OH
 Sep 8 - 11 Pittsburgh, PA
 Sep 14 - 17 Akron, OH

IPC-A-620 Standard Expert

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

Feb 10 - 13 Pittsburgh, PA
 May 11 - 14 Akron, OH
 Sep 8 - 11 Pittsburgh, PA
 Sep 14 - 17 Akron, OH

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 14 Pittsburgh, PA
 May 15 Akron, OH
 Sep 18 Akron, OH

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.

Apr 20 - 24 Pittsburgh, PA
 Jul 20 - 24 Pittsburgh, PA
 Oct 19 - 23 Pittsburgh, PA

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.

May 19 - 22 Pittsburgh, PA