



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

IPC Interconnect Designer Certification (CID and CID+)

IPC-2221 "Generic Standard on Printed Board Design"

IPC-2222 "Sectional Standard on Rigid Organic Printed Boards"

These courses go 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.

IPC CID Certification

Feb 21 - 24 . . . Manchester, NH
 Jul 25 - 28 . . . Seattle, WA
 Oct 31 - Nov 3 Manchester, NH
 TBD TBD APEX,

ON-LINE Start time: 10am E.S.T.

FOR LECTURE AND EXAM ONLY*

Jan 10 - 13
 Feb 7 - 10
 Mar 7 - 10
 Mar 28 - 31
 Apr 4 - 7
 May 2 - 5
 May 23 - 26
 Jun 6 - 9
 Jul 11 - 14
 Jul 25 - 28
 Aug 8 - 11
 Aug 22 - 25
 Sep 6 - 9
 Sep 26 - 29
 Oct 3 - 6
 Oct 24 - 27
 Nov 7 - 10
 Dec 12 - 15

IPC CID+ Certification

Jun 27 - 30 . . . Manchester, NH
 Oct 31 - Nov 3 Seattle, WA
 TBD TBD APEX,

ON-LINE Start time: 10am E.S.T.

FOR LECTURE AND EXAM ONLY*

Jan 24 - 27
 Mar 21 - 24
 Apr 18 - 21
 May 16 - 19
 Jun 20 - 23
 Jul 18 - 21
 Sep 19 - 22
 Nov 28 - Dec 1

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.