



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-7711/7721 Certified IPC Specialist (CIS)

IPC-7711 "Rework of Electronic Assemblies"

IPC-7721 "Repair & Modification of Printed Boards and Electronic Assemblies"

Learn general requirements and practice damage-free removal and replacement techniques for wires and terminals, through-hole and surface mount components. Develop skills for repairing PWBs, including conductor/ land repair, lifted conductor/ land/pad repair and base material.

IPC-7711/7721 CIS Certification

Jan 16 - 19 . . . Palm Bay, FL	Jul 10 - 14 . . . Schaumburg, IL
Jan 16 - 19 . . . Seattle, WA	Jul 24 - 28 . . . Manchester, NH
Feb 6 - 10 . . . Anaheim, CA	Jul 24 - 27 . . . Palm Bay, FL
Feb 13 - 17 . . . Manchester, NH	Jul 31 - Aug 4 . Watertown, CT
Feb 20 - 24 . . . San Jose, CA	Aug 21 - 25 . . Anaheim, CA
Mar 13 - 17 . . . Schaumburg, IL	Oct 23 - 27 . . San Jose, CA
Mar 13 - 17 . . . Toronto, ON	Oct 23 - 27 . . Toronto, ON
Mar 20 - 24 . . . Watertown, CT	Oct 30 - Nov 3 Manchester, NH
Apr 10 - 14 . . . San Jose, CA	Oct 30 - Nov 3 Schaumburg, IL
Apr 24 - 28 . . . Manchester, NH	Dec 4 - 8 Manchester, NH
Jun 12 - 16 . . . San Jose, CA	Dec 4 - 7 Palm Bay, FL
Jun 12 - 16 . . . Toronto, ON	Dec 11 - 15 . . San Jose, CA
Jun 19 - 22 . . . Seattle, WA	Dec 11 - 15 . . Toronto, ON

IPC-7711/7721 CIS Recertification

Jan 30 - 31 . . . Seattle, WA	Sep 14 - 15 . . . Toronto, ON
Feb 1 - 2 Manchester, NH	Sep 20 - 21 . . . Schaumburg, IL
Feb 7 - 8 Palm Bay, FL	Oct 2 - 3 Manchester, NH
Feb 16 - 17 . . . Toronto, ON	Oct 24 - 25 . . . Palm Bay, FL
Mar 2 - 3 Schaumburg, IL	Nov 20 - 21 . . . Manchester, NH
Apr 3 - 4 Manchester, NH	Nov 20 - 21 . . . Toronto, ON
May 8 - 9 Toronto, ON	Nov 27 - 28 . . . Watertown, CT
Jun 1 - 2 Manchester, NH	Dec 12 - 13 . . . Schaumburg, IL
Aug 21 - 22 . . . Manchester, NH	Dec 18 - 19 . . . Seattle, WA

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.