



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 20 - 24 . . . San Jose, CA	Jul 14 - 17 . . . Palm Bay, FL
Jan 20 - 24 . . . Toronto, ON	Jul 21 - 25 . . . Watertown, CT
Feb 10 - 14 . . . Manchester, NH	Aug 11 - 15 . . . Manchester, NH
Feb 10 - 14 . . . Minneapolis, MN	Aug 25 - 29 . . . San Jose, CA
Feb 17 - 20 . . . Palm Bay, FL	Aug 25 - 29 . . . Minneapolis, MN
Mar 3 - 7 . . . Schaumburg, IL	Oct 6 - 10 . . . Watertown, CT
Mar 3 - 7 . . . Watertown, CT	Oct 20 - 24 . . . San Jose, CA
Mar 10 - 14 . . . Toronto, ON	Oct 20 - 24 . . . Toronto, ON
Apr 7 - 11 . . . San Jose, CA	Oct 27 - 31 . . . Manchester, NH
Apr 21 - 25 . . . Manchester, NH	Oct 27 - 31 . . . Schaumburg, IL
Jun 2 - 6 . . . Manchester, NH	Nov 17 - 21 . . . Minneapolis, MN
Jun 2 - 6 . . . Minneapolis, MN	Dec 1 - 5 . . . Manchester, NH
Jun 9 - 13 . . . Toronto, ON	Dec 8 - 12 . . . Toronto, ON
Jun 9 - 13 . . . San Jose, CA	Dec 15 - 18 . . . Palm Bay, FL
Jul 7 - 11 . . . Schaumburg, IL	Dec 15 - 19 . . . San Jose, CA

IPC-7711/7721 CIS Recertification

Jan 20 - 21 . . . Minneapolis, MN	Jun 30 - Jul 1 . . . Manchester, NH
Jan 30 - 31 . . . Manchester, NH	Jul 7 - 8 . . . San Jose, CA
Feb 3 - 4 . . . Palm Bay, FL	Jul 21 - 22 . . . Minneapolis, MN
Feb 13 - 14 . . . Toronto, ON	Aug 7 - 8 . . . Toronto, ON
Feb 20 - 21 . . . Schaumburg, IL	Aug 4 - 5 . . . Manchester, NH
Mar 26 - 27 . . . San Jose, CA	Sep 3 - 4 . . . Schaumburg, IL
Mar 31 - Apr 1 . . . Manchester, NH	Sep 22 - 23 . . . Manchester, NH
Apr 14 - 15 . . . Minneapolis, MN	Oct 27 - 28 . . . Minneapolis, MN
Apr 28 - 29 . . . Schaumburg, IL	Nov 17 - 18 . . . Palm Bay, FL
May 5 - 6 . . . Toronto, ON	Nov 24 - 25 . . . San Jose, CA
May 28 - 29 . . . San Jose, CA	Nov 24 - 25 . . . Schaumburg, IL
May 29 - 30 . . . Manchester, NH	Nov 24 - 25 . . . Toronto, ON
Jun 9 - 10 . . . Palm Bay, FL	Nov 24 - 25 . . . Watertown, CT
Jun 11 - 12 . . . Watertown, CT	Nov 24 - 25 . . . Manchester, NH

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.