



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

HARNESST 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

Hand Soldering Certification

J-STD-001 "Requirements for Soldered Electrical & Electronic Assemblies"

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.

Hand Soldering Certification

Jan 3 - 7 San Bruno, CA	Jun 20 - 24 . . . Watertown, CT
Jan 3 - 7 Syracuse, NY	Jul 11 - 15 Manchester, NH
Jan 10 - 14 Manchester, NH	Jul 11 - 15 Pittsburgh, PA
Jan 10 - 14 Toronto, ON	Jul 18 - 22 Rochester, NY
Jan 24 - 28 Seattle, WA	Jul 18 - 22 Toronto, ON
Jan 31 - Feb 4 . . San Diego, CA	Jul 18 - 22 Seattle, WA
Feb 7 - 11 Schaumburg, IL	Jul 25 - 29 Palm Bay, FL
Feb 7 - 11 Manchester, NH	Aug 1 - 5 Schaumburg, IL
Feb 14 - 18 Minneapolis, MN	Aug 1 - 5 Minneapolis, MN
Feb 14 - 18 Buffalo, NY	Aug 1 - 5 Long Island, NY
Feb 21 - 25 Long Island, NY	Aug 8 - 12 Manchester, NH
Feb 28 - Mar 4 . Watertown, CT	Aug 15 - 19 . . . Buffalo, NY
Feb 28 - Mar 4 . Atlanta, GA	Aug 29 - Sep 2 . San Diego, CA
Mar 14 - 18 Manchester, NH	Sep 12 - 16 . . . Kansas City, MO
Mar 14 - 18 . . . Rochester, NY	Sep 12 - 16 . . . Manchester, NH
Mar 21 - 25 . . . Anaheim, CA	Sep 19 - 23 . . . Anaheim, CA
Mar 21 - 25 . . . Toronto, ON	Sep 19 - 23 . . . Watertown, CT
Mar 28 - Apr 1 . Schaumburg, IL	Sep 19 - 23 . . . Toronto, ON
Mar 28 - Apr 1 . Binghamton, NY	Sep 26 - 30 . . . Atlanta, GA
Apr 4 - 8 Palm Bay, FL	Sep 26 - 30 . . . Ottawa, ON
Apr 4 - 8 Kansas City, MO	Oct 3 - 7 San Bruno, CA
Apr 4 - 8 Ottawa, ON	Oct 10 - 14 . . . Palm Bay, FL
Apr 11 - 15 . . . Minneapolis, MN	Oct 10 - 14 . . . Manchester, NH
Apr 11 - 15 . . . Manchester, NH	Oct 10 - 14 . . . Syracuse, NY
Apr 11 - 15 . . . Syracuse, NY	Oct 17 - 21 . . . Minneapolis, MN
Apr 18 - 22 . . . Pittsburgh, PA	Oct 17 - 21 . . . Pittsburgh, PA
Apr 25 - 29 . . . San Bruno, CA	Oct 24 - 28 . . . Binghamton, NY
Apr 25 - 29 . . . Toronto, ON	Oct 31 - Nov 4 . Toronto, ON
May 9 - 13 Manchester, NH	Nov 7 - 11 Schaumburg, IL
May 9 - 13 . . . Buffalo, NY	Nov 7 - 11 . . . Buffalo, NY
May 16 - 20 . . . San Diego, CA	Nov 14 - 18 . . . Manchester, NH
May 16 - 20 . . Schaumburg, IL	Nov 28 - Dec 2 . Anaheim, CA
May 30 - Jun 3 . Toronto, ON	Nov 28 - Dec 2 . Rochester, NY
Jun 6 - 10 Atlanta, GA	Dec 5 - 9 Watertown, CT
Jun 6 - 10 . . . Binghamton, NY	Dec 5 - 9 Atlanta, GA
Jun 13 - 17 . . . Manchester, NH	Dec 5 - 9 Seattle, WA
Jun 13 - 17 . . . Rochester, NY	Dec 12 - 16 . . . San Diego, CA
Jun 20 - 24 . . . Anaheim, CA	Dec 12 - 16 . . . Manchester, NH

Hand Soldering Recertification

Jan 7 Manchester, NH	Jun 17 Schaumburg, IL
Jan 7 Toronto, ON	Jul 1 Manchester, NH
Jan 14 San Diego, CA	Jul 8 Toronto, ON
Jan 14 Kansas City, MO	Jul 15 Anaheim, CA
Jan 21 Seattle, WA	Aug 17 Manchester, NH
Jan 28 Schaumburg, IL	Sep 16 Watertown, CT
Jan 31 Anaheim, CA	Sep 28 Toronto, ON
Feb 18 Manchester, NH	Oct 7 San Diego, CA
Mar 4 Manchester, NH	Oct 7 Manchester, NH
Mar 11 San Bruno, CA	Oct 7 Seattle, WA
Apr 1 Manchester, NH	Oct 31 Schaumburg, IL
Apr 8 Anaheim, CA	Nov 11 Kansas City, MO
May 6 Manchester, NH	Nov 11 Manchester, NH
May 25 Toronto, ON	Nov 18 Watertown, CT
Jun 10 San Diego, CA	Nov 18 Palm Bay, FL
Jun 10 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.