



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 9 - 13 Syracuse, NY	Jun 26 - 30 Watertown, CT
Jan 9 - 13 Schaumburg, IL	Jul 10 - 14 Anaheim, CA
Jan 16 - 20 Manchester, NH	Jul 17 - 21 Pittsburgh, PA
Jan 16 - 20 San Jose, CA	Jul 17 - 21 San Jose, CA
Jan 23 - 27 Seattle, WA	Jul 24 - 28 Rochester, NY
Jan 23 - 27 Toronto, ON	Jul 24 - 28 Seattle, WA
Feb 6 - 10 Manchester, NH	Jul 24 - 28 Toronto, ON
Feb 6 - 10 Buffalo, NY	Jul 31 - Aug 4 Manchester, NH
Feb 13 - 17 Schaumburg, IL	Jul 31 - Aug 4 Palm Bay, FL
Feb 20 - 24 Minneapolis, MN	Aug 7 - 11 Long Island, NY
Feb 27 - Mar 3 Long Island, NY	Aug 7 - 11 Minneapolis, MN
Feb 27 - Mar 3 Manchester, NH	Aug 7 - 11 Schaumburg, IL
Mar 6 - 10 San Diego, CA	Aug 14 - 18 Rochester, NY
Mar 6 - 10 San Jose, CA	Aug 21 - 25 Buffalo, NY
Mar 6 - 10 Schaumburg, IL	Sep 11 - 15 Manchester, NH
Mar 20 - 24 Manchester, NH	Sep 11 - 15 Portland, OR
Mar 20 - 24 Portland, OR	Sep 11 - 15 San Diego, CA
Mar 20 - 24 Rochester, NY	Sep 18 - 22 Kansas City, MO
Mar 27 - 31 Anaheim, CA	Sep 25 - 29 Anaheim, CA
Mar 27 - 31 Toronto, ON	Sep 25 - 29 San Jose, CA
Apr 3 - 7 Binghamton, NY	Sep 25 - 29 Toronto, ON
Apr 3 - 7 Schaumburg, IL	Sep 25 - 29 Watertown, CT
Apr 3 - 7 Seattle, WA	Oct 2 - 6 Manchester, NH
Apr 3 - 7 Palm Bay, FL	Oct 2 - 6 Ottawa, ON
Apr 10 - 14 Kansas City, MO	Oct 9 - 13 San Jose, CA
Apr 10 - 14 Manchester, NH	Oct 16 - 20 Palm Bay, FL
Apr 10 - 14 Watertown, CT	Oct 16 - 20 Syracuse, NY
Apr 17 - 21 Minneapolis, MN	Oct 23 - 27 Minneapolis, MN
Apr 17 - 21 Syracuse, NY	Oct 23 - 27 Pittsburgh, PA
Apr 24 - 28 Pittsburgh, PA	Oct 30 - Nov 3 Binghamton, NY
May 1 - 5 Manchester, NH	Nov 6 - 10 Toronto, ON
May 1 - 5 San Jose, CA	Nov 13 - 17 Buffalo, NY
May 15 - 19 Buffalo, NY	Nov 13 - 17 Schaumburg, IL
May 15 - 19 Ottawa, ON	Nov 27 - Dec 1 Manchester, NH
May 22 - 26 San Diego, CA	Dec 4 - 8 Anaheim, CA
May 22 - 26 Schaumburg, IL	Dec 4 - 8 Rochester, NY
Jun 5 - 9 Portland, OR	Dec 4 - 8 San Jose, CA
Jun 5 - 9 Toronto, ON	Dec 11 - 15 Seattle, WA
Jun 12 - 16 Schaumburg, IL	Dec 11 - 15 Watertown, CT
Jun 12 - 16 Binghamton, NY	Dec 18 - 22 Manchester, NH
Jun 12 - 16 Manchester, NH	Dec 18 - 22 San Diego, CA

Hand Soldering Recertification

Jan 6 Toronto, ON	Jul 14 Toronto, ON
Jan 20 Kansas City, MO	Aug 23 Manchester, NH
Feb 3 Manchester, NH	Sep 22 Watertown, CT
Mar 1 Schaumburg, IL	Oct 4 Toronto, ON
Mar 17 Manchester, NH	Oct 20 Manchester, NH
Mar 17 San Jose, CA	Oct 27 Seattle, WA
Apr 7 Manchester, NH	Nov 6 Schaumburg, IL
May 12 Manchester, NH	Nov 10 Watertown, CT
May 24 Toronto, ON	Nov 17 Kansas City, MO
Jun 9 Manchester, NH	Nov 21 Manchester, NH
Jun 21 Schaumburg, IL	
Jul 7 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.