



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

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 5 - 9 Philadelphia, PA
Jan 5 - 9 Salem, NH
Jan 12 - 16 Palm Bay, FL
Jan 19 - 23 Seattle, WA
Jan 19 - 23 Watertown, CT
Jan 26 - 30 Salem, NH
Jan 26 - 30 Schaumburg, IL
Jan 26 - 30 Syracuse, NY
Feb 2 - 6 Buffalo, NY
Feb 2 - 6 Schaumburg, IL
Feb 9 - 13 Binghamton, NY
Feb 9 - 13 Shoreview, MN
Feb 9 - 13 Santa Clara, CA
Feb 16 - 20 Salem, NH
Feb 23 - 27 Markham, ON
Mar 2 - 6 Atlanta, GA
Mar 2 - 6 Long Island, NY
Mar 2 - 6 San Diego, CA
Mar 9 - 13 Salem, NH
Mar 9 - 13 Schaumburg, IL
Mar 9 - 13 Seattle, WA
Mar 16 - 20 Markham, ON
Mar 16 - 20 Rochester, NY
Mar 16 - 20 Santa Clara, CA
Mar 16 - 20 Watertown, CT
Mar 23 - 27 Anaheim, CA
Mar 23 - 27 Portland, OR
Mar 30 - Apr 3 Palm Bay, FL
Mar 30 - Apr 3 Salem, NH
Apr 6 - 10 Schaumburg, IL
Apr 20 - 24 Kansas City, MO
Apr 20 - 24 Salem, NH
Apr 20 - 24 Shoreview, MN
Apr 27 - May 1 Pittsburgh, PA
Apr 27 - May 1 Santa Clara, CA
May 4 - 8 Ottawa, ON
May 4 - 8 Watertown, CT
May 11 - 15 Buffalo, NY
May 11 - 15 Markham, ON
May 11 - 15 Philadelphia, PA
May 11 - 15 Salem, NH
May 11 - 15 Seattle, WA
May 18 - 22 San Diego, CA
May 18 - 22 Schaumburg, IL
May 18 - 22 Syracuse, NY
Jun 1 - 5 Atlanta, GA
Jun 1 - 5 Binghamton, NY
Jun 1 - 5 Salem, NH
Jun 1 - 5 Santa Clara, CA
Jun 1 - 5 Markham, ON
Jun 8 - 12 Schaumburg, IL
Jun 15 - 19 Shoreview, MN
Jun 22 - 26 Salem, NH
Jul 6 - 10 San Diego, CA

Jul 6 - 10 Seattle, WA
Jul 13 - 17 Pittsburgh, PA
Jul 13 - 17 Salem, NH
Jul 13 - 17 Santa Clara, CA
Jul 13 - 17 Schaumburg, IL
Jul 20 - 24 Anaheim, CA
Jul 20 - 24 Portland, OR
Jul 20 - 24 Markham, ON
Jul 27 - 31 Palm Bay, FL
Aug 3 - 7 Long Island, NY
Aug 3 - 7 Salem, NH
Aug 3 - 7 Schaumburg, IL
Aug 10 - 14 Rochester, NY
Aug 10 - 14 Santa Clara, CA
Aug 10 - 14 Markham, ON
Aug 17 - 21 Buffalo, NY
Aug 17 - 21 Shoreview, MN
Aug 24 - 28 Salem, NH
Aug 31 - Sep 4 Anaheim, CA
Aug 31 - Sep 4 Atlanta, GA
Sep 14 - 18 Salem, NH
Sep 14 - 18 Schaumburg, IL
Sep 14 - 18 Seattle, WA
Sep 21 - 25 Philadelphia, PA
Sep 21 - 25 San Diego, CA
Sep 21 - 25 Santa Clara, CA
Sep 21 - 25 Markham, ON
Sep 21 - 25 Watertown, CT
Sep 28 - Oct 2 Kansas City, MO
Sep 28 - Oct 2 Ottawa, ON
Oct 5 - 9 Salem, NH
Oct 5 - 9 Santa Clara, CA
Oct 5 - 9 Shoreview, MN
Oct 12 - 16 Palm Bay, FL
Oct 12 - 16 Syracuse, NY
Oct 19 - 23 Pittsburgh, PA
Oct 26 - 30 Binghamton, NY
Oct 26 - 30 Salem, NH
Nov 2 - 6 Seattle, WA
Nov 2 - 6 Markham, ON
Nov 9 - 13 Buffalo, NY
Nov 9 - 13 Schaumburg, IL
Nov 9 - 13 Watertown, CT
Nov 16 - 20 Salem, NH
Nov 16 - 20 Santa Clara, CA
Nov 30 - Dec 4 San Diego, CA
Dec 7 - 11 Rochester, NY
Dec 7 - 11 Salem, NH
Dec 7 - 11 Santa Clara, CA
Dec 7 - 11 Shoreview, MN
Dec 14 - 18 Anaheim, CA
Dec 14 - 18 Portland, OR

Hand Soldering Recertification

Jan 5 San Diego, CA
Jan 19 Schaumburg, IL
Jan 30 Kansas City, MO
Feb 13 Rochester, NY
Feb 16 Seattle, WA
Feb 27 Salem, NH
Mar 9 San Diego, CA
Mar 25 Watertown, CT
Mar 27 Santa Clara, CA
Apr 1 Shoreview, MN
Apr 3 Schaumburg, IL
Apr 27 Anaheim, CA
Apr 29 Salem, NH
May 20 Markham, ON
May 26 Santa Clara, CA
Jun 12 San Diego, CA
Jun 12 Watertown, CT

Jun 16 Salem, NH
Jun 29 Schaumburg, IL
Jun 29 Markham, ON
Jul 1 Salem, NH
Jul 22 Shoreview, MN
Jul 24 Rochester, NY
Aug 5 Salem, NH
Sep 9 Santa Clara, CA
Sep 9 Shoreview, MN
Sep 30 Markham, ON
Sep 30 Watertown, CT
Oct 9 Salem, NH
Oct 9 San Diego, CA
Oct 16 Schaumburg, IL
Oct 23 Seattle, WA
Nov 24 Salem, NH
Dec 11 Kansas City, MO