



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

Hand Soldering Recertification

Jan 2	Manchester, NH	Jun 19	Manchester, NH
Jan 5	San Jose, CA	Jun 20	Schaumburg, IL
Jan 5	Toronto, ON	Jul 3	Manchester, NH
Jan 12	San Diego, CA	Jul 12	Toronto, ON
Jan 26	Schaumburg, IL	Jul 26	Rochester, NY
Feb 2	Manchester, NH	Aug 21	Manchester, NH
Feb 16	Rochester, NY	Sep 6	San Jose, CA
Feb 23	Seattle, WA	Sep 20	Watertown, CT
Mar 11	San Diego, CA	Oct 2	Toronto, ON
Mar 15	Manchester, NH	Oct 11	San Diego, CA
Mar 29	San Jose, CA	Oct 18	Manchester, NH
Apr 5	Manchester, NH	Oct 25	Seattle, WA
May 3	Anaheim, CA	Nov 1	San Jose, CA
May 15	Toronto, ON	Nov 8	Schaumburg, IL
May 28	Manchester, NH	Nov 8	Watertown, CT
Jun 7	San Jose, CA	Nov 21	Manchester, NH
Jun 14	San Diego, CA		

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.