



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

J-STD-001 Certified IPC Specialist (CIS)

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

Interpret the J-STD-001 specification in 5 one-day modules: Theory, Wires & Terminals, Through-Hole, Surface Mount and Inspection.

J-STD-001 CIS Certification & Recertification

Jan 6 - 10 Portland, OR
Jan 13 - 17 Buffalo, NY
Jan 13 - 17 Minneapolis, MN
Jan 13 - 17 Manchester, NH
Jan 20 - 24 Rochester, NY
Jan 27 - 31 San Jose, CA
Jan 27 - 31 Toronto, ON
Jan 27 - 31 Anaheim, CA
Feb 3 - 7 Schaumburg, IL
Feb 3 - 7 Watertown, CT
Feb 10 - 14 Palm Bay, FL
Feb 10 - 14 Philadelphia, PA
Feb 17 - 21 Manchester, NH
Feb 24 - 28 Syracuse, NY
Feb 24 - 28 San Diego, CA
Feb 24 - 28 Seattle, WA
Mar 3 - 7 Pittsburgh, PA
Mar 3 - 7 San Jose, CA
Mar 10 - 14 Kansas City, MO
Mar 10 - 14 Ottawa, ON
Mar 17 - 21 Minneapolis, MN
Mar 17 - 21 Seattle, WA
Mar 24 - 28 Manchester, NH
Mar 31 - Apr 4 Anaheim, CA
Mar 31 - Apr 4 Akron, OH
Mar 31 - Apr 4 Buffalo, NY
Apr 7 - 11 Seattle, WA
Apr 7 - 11 Toronto, ON
Apr 7 - 11 Watertown, CT
Apr 14 - 18 Manchester, NH
Apr 21 - 25 Rochester, NY

Apr 28 - May 2 Binghamton, NY
Apr 28 - May 2 Portland, OR
May 5 - 9 Anaheim, CA
May 5 - 9 San Jose, CA
May 5 - 9 Long Island, NY
May 5 - 9 Minneapolis, MN
May 12 - 16 Schaumburg, IL
May 12 - 16 Manchester, NH
May 19 - 23 Palm Bay, FL
Jun 2 - 6 San Diego, CA
Jun 16 - 20 Watertown, CT
Jun 16 - 20 San Jose, CA
Jun 23 - 27 Seattle, WA
Jun 23 - 27 Toronto, ON
Jun 23 - 27 Manchester, NH
Jun 23 - 27 Philadelphia, PA
Jul 7 - 11 Minneapolis, MN
Jul 14 - 18 Kansas City, MO
Jul 21 - 25 Manchester, NH
Jul 28 - Aug 1 Buffalo, NY
Jul 28 - Aug 1 Anaheim, CA
Aug 4 - 8 Ottawa, ON
Aug 11 - 15 Palm Bay, FL
Aug 11 - 15 San Diego, CA
Aug 18 - 22 San Jose, CA
Aug 18 - 22 Akron, OH
Aug 18 - 22 Halifax NS
Aug 18 - 22 Seattle, WA
Aug 18 - 22 Watertown, CT
Aug 25 - 29 Toronto, ON
Aug 25 - 29 Rochester, NY

Aug 25 - 29 Pittsburgh, PA
Aug 25 - 29 Manchester, NH
Sep 8 - 12 Schaumburg, IL
Sep 22 - 26 Minneapolis, MN
Sep 22 - 26 Manchester, NH
Sep 29 - Oct 3 San Jose, CA
Sep 29 - Oct 3 Portland, OR
Oct 6 - 10 Toronto, ON
Oct 6 - 10 Binghamton, NY
Oct 6 - 10 Philadelphia, PA
Oct 13 - 17 Seattle, WA
Oct 13 - 17 Manchester, NH
Oct 20 - 24 Anaheim, CA
Oct 27 - 31 Watertown, CT
Nov 3 - 7 Syracuse, NY
Nov 3 - 7 San Jose, CA
Nov 10 - 14 Palm Bay, FL
Nov 10 - 14 San Diego, CA
Nov 10 - 14 Minneapolis, MN
Nov 17 - 21 Buffalo, NY
Nov 17 - 21 Manchester, NH
Nov 24 - 28 Ottawa, ON
Dec 1 - 5 Seattle, WA
Dec 8 - 12 Watertown, CT
Dec 8 - 12 Manchester, NH
Dec 15 - 19 Toronto, ON
Dec 15 - 19 Schaumburg, IL
Dec 15 - 19 Long Island, NY
Dec 15 - 19 Kansas City, MO

J-STD-001 CIS Space Addendum Certification & Recertification

Jan 10 Toronto, ON
Jan 10 Palm Bay, FL
Jan 10 Manchester, NH
Jan 17 Watertown, CT
Feb 7 San Jose, CA
Feb 28 Minneapolis, MN
Mar 7 Manchester, NH
Mar 7 Rochester, NY
Apr 18 Manchester, NH
Apr 18 Seattle, WA
Apr 18 San Jose, CA
Apr 18 Schaumburg, IL
Apr 25 Watertown, CT
May 2 Toronto, ON
May 9 Manchester, NH
May 16 Minneapolis, MN
Jul 11 Manchester, NH
Jul 18 Toronto, ON
Aug 1 Watertown, CT

Aug 15 Minneapolis, MN
Aug 22 Schaumburg, IL
Sep 12 Toronto, ON
Sep 29 Manchester, NH
Oct 17 San Jose, CA
Oct 24 Minneapolis, MN
Oct 31 Anaheim, CA
Nov 7 Watertown, CT
Nov 7 Schaumburg, IL
Nov 14 Manchester, NH
Nov 21 Toronto, ON
Dec 22 Manchester, NH

ON-LINE Start time: 10am E.S.T.

Jan 17	May 2	Sep 5
Feb 21	Jun 20	Oct 24
Mar 7	Jul 18	Nov 7
Apr 16	Aug 8	Dec 19

Challenge Test IN-PERSON Manchester, NH

Jan 3	Feb 7	Apr 11	Jun 6	Aug 7	Oct 30	Dec 22
Jan 28	Feb 26	May 2	Jun 19	Sep 26	Nov 21	

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.