



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

IPC-A-610 Certified IPC Trainer (CIT)

IPC-A-610 "The Acceptability of Electronic Assemblies"

Become certified to train your workforce to identify accept/reject criteria for all three classes of assembly production.

IPC-A-610 CIT Certification

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

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

Jan 9 - 12	Jul 17 - 20
Jan 30 - Feb 2	Aug 7 - 10
Feb 20 - 23	Aug 28 - 31
Mar 13 - 16	Sep 18 - 21
Apr 3 - 6	Oct 9 - 12
Apr 24 - 27	Oct 30 - Nov 2
May 15 - 18	Nov 27 - 30
Jun 5 - 8	Dec 18 - 21
Jun 26 - 29	

Challenge Test

IN-PERSON Manchester, NH

Jan 12	Aug 11
Feb 17	Sep 15
Mar 10	Oct 13
Apr 14	Nov 10
May 12	Dec 1
Jul 5	

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

Jan 11	May 17	Sep 20
Jan 25	May 31	Oct 4
Feb 8	Jun 14	Oct 18
Feb 22	Jun 28	Nov 1
Mar 8	Jul 12	Nov 15
Mar 22	Jul 26	Nov 29
Apr 5	Aug 9	Dec 13
Apr 19	Aug 23	Dec 27
May 3	Sep 6	

ALSO AVAILABLE

IPC-A-610 Interactive PCB Inspection Lab

IPC-A-610 "The Acceptability of Electronic Assemblies"

Utilizes, lectures, visual acuity exercises, and physical assemblies to provide an experience in visually inspecting printed circuit assemblies.

IPC-A-610 CIT Recertification

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

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

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Mar 6 - 7	Sep 7 - 8
Apr 17 - 18	Oct 16 - 17
May 8 - 9	Nov 20 - 21
Jun 1 - 2	Dec 11 - 12

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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.