



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

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

Jan 8 - 11	Jul 15 - 18
Jan 29 - Feb 1	Aug 5 - 8
Feb 19 - 22	Aug 26 - 29
Mar 11 - 14	Sep 16 - 19
Apr 1 - 4	Oct 7 - 10
Apr 22 - 25	Oct 28 - 31
May 13 - 16	Nov 18 - 21
Jun 3 - 6	Dec 9 - 12
Jun 24 - 27	

Challenge Test

IN-PERSON Manchester, NH

Jan 12	Jul 1
Jan 26	Aug 9
Feb 16	Sep 27
Mar 1	Oct 11
Apr 12	Nov 8
May 10	Nov 22
Jun 7	

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

Jan 10	May 15	Sep 18
Jan 24	May 29	Oct 2
Feb 7	Jun 12	Oct 16
Feb 21	Jun 26	Oct 30
Mar 6	Jul 10	Nov 13
Mar 20	Jul 24	Nov 25
Apr 3	Aug 7	Dec 11
Apr 17	Aug 21	Dec 23
May 1	Sep 4	

IPC-A-610 CIT Recertification

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

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Mar 4 - 5	Aug 26 - 27
Apr 1 - 2	Sep 16 - 17
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Apr 17	Aug 21	Dec 23
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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.

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.