



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

IPC-A-610 Certified IPC Specialist (CIS)

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

Learn accept/reject criteria for all 3 classes of assembly production as published in the most widely used inspection specification, IPC-A-610.

IPC-A-610 CIS Certification

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

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

Jan 10 - 12	Jul 18 - 20
Jan 31 - Feb 2	Aug 8 - 10
Feb 21 - 23	Aug 29 - 31
Mar 14 - 16	Sep 19 - 21
Apr 4 - 6	Oct 10 - 12
Apr 25 - 27	Oct 31 - Nov 2
May 16 - 18	Nov 28 - 30
Jun 6 - 8	Dec 19 - 21
Jun 27 - 29	

Challenge Test

Jan 7 Manchester, NH
Jan 31 Manchester, NH
Feb 25 Manchester, NH
Mar 11 Manchester, NH
Apr 1 Manchester, NH
May 6 Manchester, NH
May 20 Manchester, NH
Jun 29 Manchester, NH
Jul 21 Manchester, NH
Aug 5 Manchester, NH
Sep 22 Manchester, NH
Oct 20 Manchester, NH
Nov 18 Manchester, NH
Dec 19 Manchester, NH

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Jan 5	Jul 6
Jan 19	Jul 20
Feb 2	Aug 3
Feb 16	Aug 17
Mar 2	Aug 31
Mar 16	Sep 14
Mar 30	Sep 28
Apr 13	Oct 12
Apr 27	Oct 26
May 11	Nov 9
May 25	Nov 22
Jun 8	Dec 7
Jun 22	Dec 21

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 CIS Recertification

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Jun 8	Dec 7
Jun 22	Dec 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.