



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-620 Certified IPC Trainer (CIT)

IPC/WHMA-A-620 "Requirements and Acceptance for Cable and Wire Harness Assemblies"

Become an expert in the quality standards of Wire, Cable and Harness, and be certified for inspection and instruction.

IPC-A-620 CIT Certification

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

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

Jan 16 - 19
Feb 6 - 9
Feb 27 - Mar 2
Mar 20 - 23
Apr 10 - 13
May 1 - 4
May 22 - 25
Jun 12 - 15
Jul 10 - 13
Jul 31 - Aug 3
Aug 21 - 24
Sep 11 - 14
Oct 2 - 5
Oct 23 - 26
Nov 13 - 16
Dec 4 - 7
Dec 18 - 21

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	

IPC-A-620 CIT Recertification

Mar 20 - 21	Manchester, NH
May 25 - 26	Toronto, ON
Sep 28 - 29	Manchester, NH
Oct 2 - 3	Toronto, ON
Dec 28 - 29	Toronto, ON

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

Jan 5 - 6
Mar 8 - 9
May 10 - 11
Aug 9 - 10
Oct 19 - 20
Dec 13 - 14

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-620 Hands-on Lab

Through hands-on labs, students perform necessary procedures for building an entire wire harness assembly.

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.