



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

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

Jan 13 - 16
Feb 3 - 6
Feb 24 - 27
Mar 17 - 20
Apr 7 - 10
Apr 28 - May 1
May 19 - 22
Jun 9 - 12
Jul 7 - 10
Jul 28 - 31
Aug 18 - 21
Sep 8 - 11
Sep 29 - Oct 2
Oct 20 - 23
Nov 10 - 13
Dec 1 - 4

Challenge Test

IN-PERSON Manchester, NH

Jan 3	Jun 19
Jan 24	Aug 7
Feb 14	Sep 12
Feb 26	Oct 17
Apr 11	Nov 7
May 9	Dec 22
Jun 6	

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

Jan 8	May 14	Sep 17
Jan 22	May 28	Oct 1
Feb 5	Jun 11	Oct 15
Feb 19	Jun 25	Oct 29
Mar 5	Jul 9	Nov 12
Mar 19	Jul 23	Nov 24
Apr 2	Aug 6	Dec 10
Apr 16	Aug 20	Dec 22
Apr 30	Sep 3	

IPC-A-620 CIT Recertification

Jan 2 - 3 Toronto, ON	Oct 2 - 3 Rochester, NY
Feb 5 - 6 Palm Bay, FL	Oct 2 - 3 Watertown, CT
Feb 18 - 19 Schaumburg, IL	Oct 15 - 16 Schaumburg, IL
Feb 24 - 25 Anaheim, CA	Nov 24 - 25 Manchester, NH
Feb 24 - 25 Manchester, NH	Dec 22 - 23 San Jose, CA
Mar 24 - 25 Minneapolis, MN	Dec 22 - 23 Toronto, ON
Mar 24 - 25 Watertown, CT	
Apr 2 - 3 San Jose, CA	
May 19 - 20 Watertown, CT	
May 21 - 22 Toronto, ON	
Jun 23 - 24 Minneapolis, MN	
Jun 30 - Jul 1 Manchester, NH	
Jul 9 - 10 San Jose, CA	
Jul 10 - 11 Palm Bay, FL	
Jul 28 - 29 Schaumburg, IL	
Aug 7 - 8 Watertown, CT	
Sep 3 - 4 Minneapolis, MN	
Sep 4 - 5 Anaheim, CA	
Sep 29 - 30 Toronto, ON	
Oct 2 - 3 Palm Bay, FL	

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

Jan 22 - 23
Mar 5 - 6
May 7 - 8
Jul 23 - 24
Aug 27 - 28
Nov 5 - 6

Challenge Test

IN-PERSON Manchester, NH

Jan 3	Jun 19
Jan 24	Aug 7
Feb 14	Sep 12
Feb 26	Oct 17
Apr 11	Nov 7
May 9	Dec 22
Jun 6	

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

Jan 8	May 14	Sep 17
Jan 22	May 28	Oct 1
Feb 5	Jun 11	Oct 15
Feb 19	Jun 25	Oct 29
Mar 5	Jul 9	Nov 12
Mar 19	Jul 23	Nov 24
Apr 2	Aug 6	Dec 10
Apr 16	Aug 20	Dec 22
Apr 30	Sep 3	

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.