



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 Specialist (CIS)

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

Learn assembly requirements and accept/reject criteria for all three classes of cable and wire harness assembly.

IPC-A-620 CIS Certification

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

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

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

Jan 15 - 18
Feb 5 - 8
Feb 26 - 29
Mar 18 - 21
Apr 8 - 11
Apr 29 - May 2
May 20 - 23
Jun 10 - 13
Jul 8 - 11
Jul 29 - Aug 1
Aug 19 - 22
Sep 9 - 12
Sep 30 - Oct 3
Oct 21 - 24
Nov 11 - 14
Dec 2 - 5

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-620 CIS Recertification

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Mar 11 - 14 San Jose, CA
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Mar 18 - 21 Portland, OR
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Jun 24 - 27 Ottawa, ON
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