



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

Sep 12 - 15 Anaheim, CA
 Sep 12 - 15 Akron, OH
 Sep 19 - 22 San Diego, CA
 Sep 19 - 22 Palm Bay, FL
 Sep 19 - 22 Buffalo, NY
 Sep 26 - 29 Schaumburg, IL
 Sep 26 - 29 Binghamton, NY
 Sep 26 - 29 Long Island, NY
 Oct 3 - 6 Rochester, NY
 Oct 10 - 13 Kansas City, MO
 Oct 17 - 20 Watertown, CT
 Oct 24 - 27 Syracuse, NY
 Oct 24 - 27 Manchester, NH
 Oct 25 - 28 Halifax, NS
 Oct 31 - Nov 3 Ottawa, ON
 Nov 14 - 17 Schaumburg, IL
 Nov 14 - 17 Seattle, WA
 Nov 14 - 17 Atlanta, GA
 Nov 15 - 18 Anaheim, CA
 Nov 28 - Dec 1 Toronto, ON
 Dec 5 - 8 San Bruno, CA
 Dec 5 - 8 Palm Bay, FL
 Dec 19 - 22 San Diego, CA

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

Jan 17 - 20
 Feb 7 - 10
 Feb 28 - Mar 3
 Mar 21 - 24
 Apr 11 - 14
 May 2 - 5
 May 23 - 26
 Jun 13 - 16
 Jul 5 - 8
 Jul 25 - 28
 Aug 15 - 18
 Sep 6 - 9
 Sep 26 - 29
 Oct 17 - 20
 Nov 7 - 10
 Nov 28 - Dec 1
 Dec 12 - 15
 Dec 26 - 29

IPC-A-620 CIS Recertification

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

Sep 12 - 15 Anaheim, CA
 Sep 12 - 15 Akron, OH
 Sep 19 - 22 San Diego, CA
 Sep 19 - 22 Palm Bay, FL
 Sep 19 - 22 Buffalo, NY
 Sep 26 - 29 Schaumburg, IL
 Sep 26 - 29 Binghamton, NY
 Sep 26 - 29 Long Island, NY
 Oct 3 - 6 Rochester, NY
 Oct 10 - 13 Kansas City, MO
 Oct 17 - 20 Watertown, CT
 Oct 24 - 27 Syracuse, NY
 Oct 24 - 27 Manchester, NH
 Oct 25 - 28 Halifax, NS
 Oct 31 - Nov 3 Ottawa, ON
 Nov 14 - 17 Schaumburg, IL
 Nov 14 - 17 Seattle, WA
 Nov 14 - 17 Atlanta, GA
 Nov 15 - 18 Anaheim, CA
 Nov 28 - Dec 1 Toronto, ON
 Dec 5 - 8 San Bruno, CA
 Dec 5 - 8 Palm Bay, FL
 Dec 19 - 22 San Diego, CA

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 Aug 15 - 18
 Sep 6 - 9
 Sep 26 - 29
 Oct 17 - 20
 Nov 7 - 10
 Nov 28 - Dec 1
 Dec 12 - 15
 Dec 26 - 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

Challenge Test

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

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

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

Challenge Test

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

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-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.