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

CABLE & WIRE HARNESS TECHNOLOGY

Quality & Inspection
- IPC-A-620 Instructor & Operator Certification

Hands-On Labs
- Crimping & Harness Assembly Training

COUNTERFEIT COMPONENTS

IDEA-STD-1010
- Seminars & Workshops
- IDEA-STD-1010 Essentials
- SAE AS5553 Counterfeit Electronics

TECHNICAL SUPPORT
- Manufacturing Start-Up
- Process Evaluation
- Subcontractor Qualification
- Equipment Evaluation
- Lead-Free, ESD, Process and Quality Audits

IPC/WHMA-A-620 Certified Standard Expert (CSE)

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

Learn the requirements and acceptance criteria for cable and wire harness assemblies.

IPC/WHMA-A-620 CSE Certification

Jan 4 - 7 ..... Kansas City, MO
Jan 4 - 7 ..... Salem, NH
Jan 11 - 14 .... Santa Clara, CA
Jan 12 - 15 ..... Shoreview, MN
Jan 25 - 28 ..... Akron, OH
Jan 25 - 28 ... Long Island, NY
Jan 25 - 28 ..... Portland, OR
Feb 1 - 4 ..... Anaheim, CA
Feb 1 - 4 ..... Seattle, WA
Feb 8 - 11 ..... San Diego, CA
Feb 8 - 11 ..... Toronto, ON
Feb 8 - 11 ..... Watertown, CT
Feb 15 - 18 ..... Salem, NH
Feb 15 - 18 .... Santa Clara, CA
Feb 22 - 25 .... Pittsburgh, PA
Feb 22 - 25 ... Schaumburg, IL
Mar 1 - 4 ..... Palm Bay, FL
Mar 8 - 11 ..... Salem, NH
Mar 8 - 11 .... Santa Clara, CA
Mar 8 - 11 ..... Shoreview, MN
Mar 15 - 18 ..... Buffalo, NY
Mar 15 - 18 ..... Portland, OR
Apr 5 - 8 ..... Rochester, NY
Apr 5 - 8 ..... San Diego, CA
Apr 12 - 15 ... Schaumburg, IL
Apr 12 - 15 ..... Toronto, ON
Apr 12 - 15 ..... Watertown, CT
Apr 19 - 22 ..... Anaheim, CA
Apr 19 - 22 ..... Salem, NH
Apr 19 - 22 ..... Seattle, WA
May 3 - 6 .... Kansas City, MO
May 10 - 13 ... Santa Clara, CA
May 17 - 20 ..... Akron, OH
May 17 - 20 ..... Palm Bay, FL
May 17 - 20 ..... Portland, OR
May 17 - 20 ..... Salem, NH
May 17 - 20 .... Shoreview, MN
May 24 - 27 ... Long Island, NY
May 24 - 27 ... Schaumburg, IL
Jun 1 - 4 ..... Salem, NH
Jun 7 - 10 ..... Buffalo, NY
Jun 7 - 10 ..... Seattle, WA
Jun 14 - 17 ..... Anaheim, CA
Jun 14 - 17 ..... Toronto, ON
Jun 21 - 24 .... Santa Clara, CA
Jun 21 - 24 ..... Watertown, CT
Jul 12 - 15 ..... Pittsburgh, PA
Jul 12 - 15 ..... Shoreview, MN
Jul 19 - 22 ..... Salem, NH
Aug 2 - 5 ..... Portland, OR
Aug 2 - 5 ..... Santa Clara, CA
Aug 9 - 12 ..... Rochester, NY
Aug 9 - 12 ..... San Diego, CA
Aug 9 - 12 .... Schaumburg, IL
Aug 9 - 12 ..... Seattle, WA
Aug 16 - 19 ..... Anaheim, CA
Aug 16 - 19 ..... Salem, NH
Aug 16 - 19 ..... Toronto, ON
Aug 23 - 26 .... Watertown, CT
Sep 13 - 16 ..... Akron, OH
Sep 13 - 16 ..... Palm Bay, FL
Sep 13 - 16 ..... Salem, NH
Sep 13 - 16 .... Shoreview, MN
Sep 20 - 23 ..... Buffalo, NY
Sep 20 - 23 ... Santa Clara, CA
Sep 27 - 30 ... Long Island, NY
Oct 4 - 7 ..... Rochester, NY
Oct 4 - 7 ..... Salem, NH
Oct 4 - 7 ..... Schaumburg, IL
Oct 4 - 7 ..... Seattle, WA
Oct 11 - 14 ... Kansas City, MO
Oct 11 - 14 ..... San Diego, CA
Oct 18 - 21 .... Watertown, CT
Oct 25 - 28 ..... Portland, OR
Oct 25 - 28 ..... Toronto, ON
Nov 1 - 4 ..... Anaheim, CA
Nov 1 - 4 ..... Shoreview, MN
Nov 8 - 11 ..... Salem, NH
Nov 8 - 11 .... Santa Clara, CA
Nov 29 - Dec 2 . Pittsburgh, PA
Nov 29 - Dec 2 ..... Salem, NH
Nov 29 - Dec 2 .... Seattle, WA
Nov 29 - Dec 2 ... Toronto, ON
Dec 6 - 9 ..... Palm Bay, FL
Dec 6 - 9 ..... Schaumburg, IL
Dec 13 - 16 .... Watertown, CT
Dec 27 - 30 ..... Salem, NH

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

Jan 11 - 14
Feb 1 - 4
Feb 15 - 18
Mar 8 - 11
Mar 22 - 25
Apr 5 - 8
Apr 19 - 22
May 3 - 6
May 17 - 20
Jun 1 - 4
Jun 14 - 17
Jul 26 - 29
Aug 9 - 12
Aug 23 - 26
Sep 7 - 10
Sep 27 - 30
Oct 18 - 21
Nov 1 - 4
Nov 15 - 18
Nov 29 - Dec 2
Dec 13 - 16
Dec 20 - 23

IPC/WHMA-A-620 CSE Recertification

Feb 16 - 17 ..... Toronto, ON
Feb 22 - 23 ..... Anaheim, CA
Feb 22 - 23 ..... Salem, NH
Feb 24 - 25 ..... Palm Bay, FL
Mar 29 - 30 ... Long Island, NY
Mar 29 - 30 ... Santa Clara, CA
Mar 29 - 30 ... Shoreview, MN
Apr 1 - 2 ..... Watertown, CT
Apr 27 - 28 ..... Toronto, ON
Apr 29 - 30 ..... Salem, NH
Jun 3 - 4 ..... Seattle, WA
Jun 21 - 22 .... Shoreview, MN
Jun 29 - 30 ..... Toronto, ON
Jun 30 - Jul 1 .... Palm Bay, FL
Jul 6 - 7 ..... Santa Clara, CA
Jul 8 - 9 ..... Pittsburgh, PA
Jul 8 - 9 ..... Salem, NH
Aug 30 - 31 ..... Palm Bay, FL
Aug 30 - 31 ..... Rochester, NY
Sep 1 - 2 ..... Toronto, ON
Sep 9 - 10 ..... Anaheim, CA
Sep 9 - 10 .... Kansas City, MO
Sep 9 - 10 ..... Seattle, WA
Sep 9 - 10 ..... Shoreview, MN
Sep 9 - 10 ..... Watertown, CT
Sep 28 - 29 ..... Salem, NH
Oct 13 - 14 ... Schaumburg, IL
Nov 22 - 23 ..... Salem, NH
Dec 20 - 21 ... Long Island, NY
Dec 20 - 21 ... Santa Clara, CA
Dec 20 - 21 ..... Toronto, ON

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

Jan 20 - 21
Mar 3 - 4
May 5 - 6
Jul 21 - 22
Aug 25 - 26
Nov 3 - 4

Challenge Test

IN-PERSON

Jan 27 ..... Salem, NH
Feb 25 ..... Salem, NH
Mar 29 ..... Salem, NH
Mar 31 ..... Santa Clara, CA
Apr 9 ..... Salem, NH
Apr 27 ..... Salem, NH
Jun 2 ..... Salem, NH
Jun 4 ..... Santa Clara, CA
Jun 11 ..... Salem, NH
Jun 18 ..... Salem, NH
Aug 5 ..... Salem, NH
Sep 3 ..... Salem, NH
Sep 7 ..... Santa Clara, CA
Oct 15 ..... Salem, NH
Nov 22 ..... Salem, NH
Nov 24 ..... Santa Clara, CA
Dec 21 ..... Salem, NH

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

Jan 6	Jul 7
Jan 20	Jul 21
Feb 3	Aug 4
Feb 17	Aug 18
Mar 3	Sep 1
Mar 17	Sep 15
Mar 31	Sep 29
Apr 14	Oct 13
Apr 28	Oct 27
May 12	Nov 10
May 26	Nov 22
Jun 9	Dec 8
Jun 23	Dec 20

ALSO AVAILABLE

EPTAC Hands-On Cable Wire Harness 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.