



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-610 Certified IPC Trainer (CIT)

IPC-A-610 "The Acceptability of Electronic Assemblies"

Become certified to train your workforce to identify accept/reject criteria for all three classes of assembly production.

IPC-A-610 CIT Certification

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

Jul 18 - 21 ... Schaumburg, IL
 Jul 25 - 28 ... Toronto, ON
 Aug 8 - 11 ... Seattle, WA
 Aug 15 - 18 ... Manchester, NH
 Aug 15 - 18 ... Minneapolis, MN
 Aug 22 - 25 ... Anaheim, CA
 Sep 12 - 15 ... Rochester, NY
 Sep 12 - 15 ... San Jose, CA
 Sep 19 - 22 ... San Jose, CA
 Oct 3 - 6 ... Watertown, CT
 Oct 3 - 6 ... Buffalo, NY
 Oct 10 - 13 ... Manchester, NH
 Oct 17 - 20 ... Schaumburg, IL
 Oct 17 - 20 ... Long Island, NY
 Oct 24 - 27 ... Toronto, ON
 Oct 24 - 27 ... Seattle, WA
 Oct 31 - Nov 3 ... Palm Bay, FL
 Oct 31 - Nov 3 ... Minneapolis, MN
 Nov 7 - 10 ... San Jose, CA
 Nov 7 - 10 ... Akron, OH
 Nov 7 - 10 ... Ottawa, ON
 Nov 14 - 17 ... Kansas City, MO
 Nov 28 - Dec 1 ... Binghamton, NY
 Nov 28 - Dec 1 ... Pittsburgh, PA
 Dec 5 - 8 ... Anaheim, CA
 Dec 5 - 8 ... Manchester, NH

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

Jan 10 - 13	Jul 18 - 21
Jan 31 - Feb 3	Aug 8 - 11
Feb 21 - 24	Aug 29 - Sep 1
Mar 14 - 17	Sep 19 - 22
Apr 4 - 7	Oct 10 - 13
Apr 25 - 28	Oct 31 - Nov 3
May 16 - 19	Nov 28 - Dec 1
Jun 6 - 9	Dec 19 - 22
Jun 27 - 30	

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

IPC-A-610 CIT Recertification

Jan 3 - 4 ... Palm Bay, FL
 Jan 3 - 4 ... Manchester, NH
 Jan 10 - 11 ... San Diego, CA
 Jan 10 - 11 ... Kansas City, MO
 Jan 18 - 19 ... Minneapolis, MN
 Jan 18 - 19 ... Rochester, NY
 Jan 24 - 25 ... Schaumburg, IL
 Jan 24 - 25 ... Toronto, ON
 Feb 3 - 4 ... Anaheim, CA
 Feb 7 - 8 ... Binghamton, NY
 Feb 14 - 15 ... Watertown, CT
 Feb 14 - 15 ... Seattle, WA
 Feb 22 - 23 ... Akron, OH
 Mar 7 - 8 ... Manchester, NH
 Mar 21 - 22 ... Long Island, NY
 Mar 22 - 23 ... Ottawa, ON
 Mar 29 - 30 ... Buffalo, NY
 Apr 4 - 5 ... Schaumburg, IL
 Apr 19 - 20 ... Seattle, WA
 Apr 25 - 26 ... Rochester, NY
 Apr 27 - 28 ... Palm Bay, FL
 May 2 - 3 ... Manchester, NH
 May 9 - 10 ... Watertown, CT
 May 9 - 10 ... Toronto, ON
 May 10 - 11 ... Minneapolis, MN
 Jun 6 - 7 ... San Diego, CA
 Jun 13 - 14 ... Binghamton, NY
 Jul 5 - 6 ... Manchester, NH
 Jul 11 - 12 ... Anaheim, CA
 Jul 25 - 26 ... Rochester, NY
 Aug 1 - 2 ... Watertown, CT
 Aug 1 - 2 ... Buffalo, NY

Aug 2 - 3 ... Toronto, ON
 Aug 2 - 3 ... Seattle, WA
 Aug 9 - 10 ... Minneapolis, MN
 Aug 15 - 16 ... Long Island, NY
 Aug 22 - 23 ... Schaumburg, IL
 Aug 23 - 24 ... Kansas City, MO
 Sep 6 - 7 ... Manchester, NH
 Sep 8 - 9 ... Binghamton, NY
 Sep 12 - 13 ... Palm Bay, FL
 Sep 19 - 20 ... Rochester, NY
 Oct 3 - 4 ... San Diego, CA
 Oct 3 - 4 ... Manchester, NH
 Oct 3 - 4 ... Seattle, WA
 Oct 11 - 12 ... Buffalo, NY
 Nov 1 - 2 ... Schaumburg, IL
 Nov 7 - 8 ... Manchester, NH
 Nov 7 - 8 ... Toronto, ON
 Nov 14 - 15 ... Watertown, CT
 Nov 14 - 15 ... Minneapolis, MN

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

Jan 3 - 4	Aug 22 - 23
Jan 17 - 18	Sep 12 - 13
Feb 14 - 15	Oct 3 - 4
Mar 7 - 8	Oct 24 - 25
Apr 18 - 19	Nov 14 - 15
May 9 - 10	Dec 5 - 6
May 31 - Jun 1	Dec 26 - 27
Jun 20 - 21	
Jul 11 - 12	
Aug 1 - 2	

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

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.

ALSO AVAILABLE

IPC-A-610 Interactive PCB Inspection Lab

IPC-A-610 "The Acceptability of Electronic Assemblies"

Utilizes, lectures, visual acuity exercises, and physical assemblies to provide an experience in visually inspecting printed circuit assemblies.