



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

Mid West Minneapolis, MN | Schaumburg, IL | Kansas City, MO

Please contact us for additional locations and on-site training opportunities in your area.

IPC-A-610 Certified IPC Trainer (CIT)

Jan 15 - 18 ... Schaumburg, IL
 Feb 5 - 8 ... Kansas City, MO
 Feb 27 - Mar 1 ... Minneapolis, MN
 Mar 18 - 21 ... Schaumburg, IL
 May 6 - 9 ... Schaumburg, IL
 May 20 - 23 ... Minneapolis, MN
 Jun 17 - 20 ... Kansas City, MO
 Jul 22 - 25 ... Schaumburg, IL
 Aug 19 - 22 ... Minneapolis, MN
 Sep 23 - 26 ... Schaumburg, IL
 Oct 28 - 31 ... Kansas City, MO
 Nov 4 - 7 ... Minneapolis, MN
 Nov 18 - 21 ... Schaumburg, IL

Recertifications (Req. 24 mos.)

Jan 16 - 17 ... Kansas City, MO
 Jan 22 - 23 ... Schaumburg, IL
 Jan 22 - 23 ... Minneapolis, MN
 Apr 8 - 9 ... Schaumburg, IL
 May 14 - 15 ... Minneapolis, MN
 Aug 13 - 14 ... Minneapolis, MN
 Aug 19 - 20 ... Schaumburg, IL
 Aug 26 - 27 ... Kansas City, MO
 Nov 4 - 5 ... Schaumburg, IL
 Nov 18 - 19 ... Minneapolis, MN

IPC-A-610 Certified IPC Specialist (CIS)

Jan 15 - 17 ... Schaumburg, IL
 Feb 5 - 7 ... Kansas City, MO
 Feb 27 - 29 ... Minneapolis, MN
 Mar 18 - 20 ... Schaumburg, IL
 May 6 - 8 ... Schaumburg, IL
 May 20 - 22 ... Minneapolis, MN
 Jun 17 - 19 ... Kansas City, MO
 Jul 22 - 24 ... Schaumburg, IL
 Aug 19 - 21 ... Minneapolis, MN
 Sep 23 - 25 ... Schaumburg, IL
 Oct 28 - 30 ... Kansas City, MO
 Nov 4 - 6 ... Minneapolis, MN
 Nov 18 - 20 ... Schaumburg, IL

Recertifications (Req. 24 mos.)

Jan 15 - 17 ... Schaumburg, IL
 Feb 5 - 7 ... Kansas City, MO
 Feb 27 - 29 ... Minneapolis, MN
 Mar 18 - 20 ... Schaumburg, IL
 May 6 - 8 ... Schaumburg, IL
 May 20 - 22 ... Minneapolis, MN
 Jun 17 - 19 ... Kansas City, MO
 Jul 22 - 24 ... Schaumburg, IL
 Aug 19 - 21 ... Minneapolis, MN
 Sep 23 - 25 ... Schaumburg, IL
 Oct 28 - 30 ... Kansas City, MO
 Nov 4 - 6 ... Minneapolis, MN
 Nov 18 - 20 ... Schaumburg, IL

IPC-A-610 Certified Standards Expert (CSE)

Jan 15 - 18 ... Schaumburg, IL
 Feb 5 - 8 ... Kansas City, MO
 Feb 27 - Mar 1 ... Minneapolis, MN
 Mar 18 - 21 ... Schaumburg, IL
 May 6 - 9 ... Schaumburg, IL
 May 20 - 23 ... Minneapolis, MN
 Jun 17 - 20 ... Kansas City, MO
 Jul 22 - 25 ... Schaumburg, IL
 Aug 19 - 22 ... Minneapolis, MN
 Sep 23 - 26 ... Schaumburg, IL
 Oct 28 - 31 ... Kansas City, MO
 Nov 4 - 7 ... Minneapolis, MN
 Nov 18 - 21 ... Schaumburg, IL

Recertifications (Req. 24 mos.)

Jan 16 - 17 ... Kansas City, MO
 Jan 22 - 23 ... Schaumburg, IL
 Jan 22 - 23 ... Minneapolis, MN
 Apr 8 - 9 ... Schaumburg, IL
 May 14 - 15 ... Minneapolis, MN
 Aug 13 - 14 ... Minneapolis, MN
 Aug 19 - 20 ... Schaumburg, IL
 Aug 26 - 27 ... Kansas City, MO
 Nov 4 - 5 ... Schaumburg, IL
 Nov 18 - 19 ... Minneapolis, MN

IPC-A-610 Interactive PCB Inspection Lab (CIT or CIS Option)

Jan 19 ... Schaumburg, IL
 Feb 9 ... Kansas City, MO
 Mar 22 ... Schaumburg, IL
 May 10 ... Schaumburg, IL
 Jun 21 ... Kansas City, MO
 Jul 26 ... Schaumburg, IL
 Sep 27 ... Schaumburg, IL
 Nov 1 ... Kansas City, MO
 Nov 8 ... Minneapolis, MN
 Nov 22 ... Schaumburg, IL

J-STD-001 Certified IPC Trainer (CIT)

Feb 5 - 9 ... Schaumburg, IL
 Mar 11 - 15 ... Kansas City, MO
 Mar 18 - 22 ... Minneapolis, MN
 May 13 - 17 ... Schaumburg, IL
 Jun 17 - 21 ... Minneapolis, MN
 Jul 15 - 19 ... Kansas City, MO
 Sep 9 - 13 ... Schaumburg, IL
 Sep 23 - 27 ... Minneapolis, MN
 Dec 16 - 20 ... Schaumburg, IL
 Dec 16 - 20 ... Kansas City, MO

Recertifications (Req. 24 mos.)

Jan 18 - 19 ... Kansas City, MO
 Jan 24 - 25 ... Schaumburg, IL
 Jan 24 - 25 ... Minneapolis, MN
 Apr 10 - 11 ... Schaumburg, IL
 May 16 - 17 ... Minneapolis, MN
 Aug 15 - 16 ... Minneapolis, MN
 Aug 21 - 22 ... Schaumburg, IL
 Aug 28 - 29 ... Kansas City, MO
 Nov 6 - 7 ... Schaumburg, IL
 Nov 20 - 21 ... Minneapolis, MN

J-STD-001 Certified IPC Specialist (CIS)

Feb 5 - 9 ... Schaumburg, IL
 Mar 11 - 15 ... Kansas City, MO
 Mar 18 - 22 ... Minneapolis, MN
 May 13 - 17 ... Schaumburg, IL
 Jun 17 - 21 ... Minneapolis, MN
 Jul 15 - 19 ... Kansas City, MO
 Sep 9 - 13 ... Schaumburg, IL
 Sep 23 - 27 ... Minneapolis, MN
 Dec 16 - 20 ... Schaumburg, IL
 Dec 16 - 20 ... Kansas City, MO

Recertifications (Req. 24 mos.)

Feb 5 - 9 ... Schaumburg, IL
 Mar 11 - 15 ... Kansas City, MO
 Mar 18 - 22 ... Minneapolis, MN
 May 13 - 17 ... Schaumburg, IL
 Jun 17 - 21 ... Minneapolis, MN
 Jul 15 - 19 ... Kansas City, MO
 Sep 9 - 13 ... Schaumburg, IL
 Sep 23 - 27 ... Minneapolis, MN
 Dec 16 - 20 ... Schaumburg, IL
 Dec 16 - 20 ... Kansas City, MO

J-STD-001 Certified Standards Expert (CSE)

Feb 5 - 9 ... Schaumburg, IL
 Mar 11 - 15 ... Kansas City, MO
 Mar 18 - 22 ... Minneapolis, MN
 May 13 - 17 ... Schaumburg, IL
 Jun 17 - 21 ... Minneapolis, MN
 Jul 15 - 19 ... Kansas City, MO
 Sep 9 - 13 ... Schaumburg, IL
 Sep 23 - 27 ... Minneapolis, MN
 Dec 16 - 20 ... Schaumburg, IL
 Dec 16 - 20 ... Kansas City, MO

Recertifications (Req. 24 mos.)

Jan 18 - 19 ... Kansas City, MO
 Jan 24 - 25 ... Schaumburg, IL
 Jan 24 - 25 ... Minneapolis, MN
 Apr 10 - 11 ... Schaumburg, IL
 May 16 - 17 ... Minneapolis, MN
 Aug 15 - 16 ... Minneapolis, MN
 Aug 21 - 22 ... Schaumburg, IL
 Aug 28 - 29 ... Kansas City, MO
 Nov 6 - 7 ... Schaumburg, IL
 Nov 20 - 21 ... Minneapolis, MN

To view all of the available classes, please see our Master Schedule and On-Line Schedule.

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Rework & Repair

- IPC-7711 & IPC-7721 Instructor & Operator Certification

Hand Soldering Skills

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- Component Identification
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- Crimping & Harness Assembly Training

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- Equipment Evaluation
- Lead-Free, ESD, Process and Quality Audits

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IPC-A-620 Certified IPC Trainer (CIT)

Jan 8 - 11 Kansas City, MO
 Feb 12 - 15 Schaumburg, IL
 Apr 1 - 4 Minneapolis, MN
 Apr 22 - 25 Schaumburg, IL
 May 6 - 9 Kansas City, MO
 Jun 3 - 6 Schaumburg, IL
 Jun 10 - 13 Minneapolis, MN
 Aug 12 - 15 Schaumburg, IL
 Sep 9 - 12 Minneapolis, MN
 Oct 7 - 10 Schaumburg, IL
 Oct 14 - 17 Kansas City, MO
 Dec 3 - 6 Minneapolis, MN
 Dec 9 - 12 Schaumburg, IL

Recertifications (Req. 24 mos.)

Feb 27 - 28 Schaumburg, IL
 Jul 29 - 30 Schaumburg, IL

IPC-A-620 Certified IPC Specialist (CIS)

Jan 8 - 11 Kansas City, MO
 Feb 12 - 15 Schaumburg, IL
 Apr 1 - 4 Minneapolis, MN
 Apr 22 - 25 Schaumburg, IL
 May 6 - 9 Kansas City, MO
 Jun 3 - 6 Schaumburg, IL
 Jun 10 - 13 Minneapolis, MN
 Aug 12 - 15 Schaumburg, IL
 Sep 9 - 12 Minneapolis, MN
 Oct 7 - 10 Schaumburg, IL
 Oct 14 - 17 Kansas City, MO
 Dec 3 - 6 Minneapolis, MN
 Dec 9 - 12 Schaumburg, IL

Recertifications (Req. 24 mos.)

Jan 8 - 11 Kansas City, MO
 Feb 12 - 15 Schaumburg, IL
 Apr 1 - 4 Minneapolis, MN
 Apr 22 - 25 Schaumburg, IL
 May 6 - 9 Kansas City, MO
 Jun 3 - 6 Schaumburg, IL
 Jun 10 - 13 Minneapolis, MN
 Aug 12 - 15 Schaumburg, IL
 Sep 9 - 12 Minneapolis, MN
 Oct 7 - 10 Schaumburg, IL
 Oct 14 - 17 Kansas City, MO
 Dec 3 - 6 Minneapolis, MN
 Dec 9 - 12 Schaumburg, IL

IPC-A-620 Certified Standards Expert (CSE)

Jan 8 - 11 Kansas City, MO
 Feb 12 - 15 Schaumburg, IL
 Apr 1 - 4 Minneapolis, MN
 Apr 22 - 25 Schaumburg, IL
 May 6 - 9 Kansas City, MO
 Jun 3 - 6 Schaumburg, IL
 Jun 10 - 13 Minneapolis, MN
 Aug 12 - 15 Schaumburg, IL
 Sep 9 - 12 Minneapolis, MN
 Oct 7 - 10 Schaumburg, IL
 Oct 14 - 17 Kansas City, MO
 Dec 3 - 6 Minneapolis, MN
 Dec 9 - 12 Schaumburg, IL

Recertifications (Req. 24 mos.)

Feb 27 - 28 Schaumburg, IL
 Jul 29 - 30 Schaumburg, IL

IPC-A-620 Hands-on Labs

Jan 12 Kansas City, MO
 Feb 16 Schaumburg, IL
 Apr 5 Minneapolis, MN
 Apr 26 Schaumburg, IL
 May 10 Kansas City, MO
 Jun 7 Schaumburg, IL
 Jun 14 Minneapolis, MN
 Aug 16 Schaumburg, IL
 Oct 11 Schaumburg, IL
 Oct 18 Kansas City, MO
 Dec 13 Schaumburg, IL

IPC-A-600 Certified IPC Trainer (CIT)

Mar 25 - 27 Schaumburg, IL
 Jun 17 - 19 Schaumburg, IL

Recertifications (Req. 24 mos.)

Mar 25 - 27 Schaumburg, IL
 Jun 17 - 19 Schaumburg, IL

IPC-A-600 Certified IPC Specialist (CIS)

Mar 25 - 27 Schaumburg, IL
 Jun 17 - 19 Schaumburg, IL

Recertifications (Req. 24 mos.)

Mar 25 - 27 Schaumburg, IL
 Jun 17 - 19 Schaumburg, IL

IPC-A-600 Certified Standards Expert (CSE)

Mar 25 - 27 Schaumburg, IL
 Jun 17 - 19 Schaumburg, IL

Recertifications (Req. 24 mos.)

Mar 25 - 27 Schaumburg, IL
 Jun 17 - 19 Schaumburg, IL

IPC-7711/7721 Certified IPC Trainer (CIT)

Mar 4 - 8 Schaumburg, IL
 Apr 22 - 26 Minneapolis, MN
 Jul 8 - 12 Schaumburg, IL
 Oct 28 - Nov 1 Schaumburg, IL
 Dec 9 - 13 Minneapolis, MN

Recertifications (Req. 24 mos.)

Feb 29 - Mar 1 Schaumburg, IL
 Mar 21 - 22 Minneapolis, MN
 May 2 - 3 Schaumburg, IL
 Jul 22 - 23 Minneapolis, MN
 Sep 4 - 5 Schaumburg, IL
 Nov 25 - 26 Schaumburg, IL

IPC-7711/7721

Certified IPC Specialist (CIS)

Mar 4 - 8 Schaumburg, IL
 Apr 22 - 26 Minneapolis, MN
 Jul 8 - 12 Schaumburg, IL
 Oct 28 - Nov 1 Schaumburg, IL
 Dec 9 - 13 Minneapolis, MN

Recertifications (Req. 24 mos.)

Feb 29 - Mar 1 Schaumburg, IL
 Mar 21 - 22 Minneapolis, MN
 May 2 - 3 Schaumburg, IL
 Jul 22 - 23 Minneapolis, MN
 Sep 4 - 5 Schaumburg, IL
 Nov 25 - 26 Schaumburg, IL

IPC-7711/7721

Certified Standards Expert (CSE)

Mar 4 - 8 Schaumburg, IL
 Apr 22 - 26 Minneapolis, MN
 Jul 8 - 12 Schaumburg, IL
 Oct 28 - Nov 1 Schaumburg, IL
 Dec 9 - 13 Minneapolis, MN

Recertifications (Req. 24 mos.)

Feb 29 - Mar 1 Schaumburg, IL
 Mar 21 - 22 Minneapolis, MN
 May 2 - 3 Schaumburg, IL
 Jul 22 - 23 Minneapolis, MN
 Sep 4 - 5 Schaumburg, IL
 Nov 25 - 26 Schaumburg, IL

Hand Soldering Certification

Jan 8 - 12 Schaumburg, IL
 Jan 29 - Feb 2 Minneapolis, MN
 Feb 19 - 23 Schaumburg, IL
 Mar 11 - 15 Schaumburg, IL
 Mar 25 - 29 Minneapolis, MN
 Apr 8 - 12 Kansas City, MO
 Apr 15 - 19 Schaumburg, IL
 May 6 - 10 Minneapolis, MN
 May 20 - 24 Schaumburg, IL
 Jun 10 - 14 Schaumburg, IL
 Jul 15 - 19 Schaumburg, IL
 Aug 5 - 9 Schaumburg, IL
 Aug 5 - 9 Minneapolis, MN
 Sep 16 - 20 Schaumburg, IL
 Sep 16 - 20 Kansas City, MO
 Oct 21 - 25 Schaumburg, IL
 Oct 21 - 25 Minneapolis, MN
 Nov 11 - 15 Schaumburg, IL
 Dec 2 - 6 Schaumburg, IL

Recertifications (Req. 24 mos.)

Jan 26 Schaumburg, IL
 Jun 20 Schaumburg, IL
 Nov 8 Schaumburg, IL

Advanced SMT Micro Hand Soldering Certification

May 30 - 31 Schaumburg, IL
 Oct 17 - 18 Schaumburg, IL

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