

2023 **Training & Certification Schedule**



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

Minneapolis, MN

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

IPC-A-610 Certified **IPC Trainer (CIT)**

Feb 28 - Mar 3 May 22 - 25 Aug 21 - 24 Nov 6 - 9 Recertifications (Req. 24 mos.)

Jan 24 - 25 May 16 - 17 Aug 15 - 16 Nov 13 - 14

IPC-A-610 Certified **Standards Expert** (CSE)

Feb 28 - Mar 3 May 22 - 25 Aug 21 - 24 Nov 6 - 9

Recertifications (Req. 24 mos.) Jan 24 - 25 May 16 - 17 Aug 15 - 16 Nov 13 - 14

IPC-A-610 Interactive **PCB Inspection Lab** (CIT or CIS Option) Nov 10

J-STD-001 Certified **IPC Trainer (CIT)**

Mar 27 - 31 Jun 26 - 30 Sep 25 - 29

Recertifications (Req. 24 mos.) Jan 26 - 27 May 18 - 19

Aug 17 - 18 Nov 15 - 16 J-STD-001 Certified

Standards Expert (CSE)

Mar 27 - 31 Jun 26 - 30 Sep 25 - 29

Recertifications (Req. 24 mos.)

Jan 26 - 27 May 18 - 19 Aug 17 - 18 Nov 15 - 16

IPC-A-620 Certified **IPC Trainer (CIT)** Apr 24 - 27

Jun 12 - 15 Sep 11 - 14 Dec 5 - 8

IPC-A-620 Certified **Standards Expert** (CSE) Apr 24 - 27 Jun 12 - 15

Sep 11 - 14 Dec 5 - 8

IPC-A-620 Hands-on Labs Apr 28 lun 16

IPC-A-600 Certified

IPC Trainer (CIT) See On-Line Class Schedule Recertifications (Reg. 24 mos.) See On-Line Class Schedule

IPC-A-600 Certified **IPC Specialist (CIS)**

See On-Line Class Schedule Recertifications (Req. 24 mos.) See On-Line Class Schedule

IPC-A-600 Certified **Standards Expert** (CSE)

See On-Line Class Schedule Recertifications (Req. 24 mos.)

See On-Line Class Schedule

IPC-7711/7721 **Certified IPC Trainer**

(CIT) Jan 30 - Feb 3 May 8 - 12 Dec 11 - 15 Recertifications (Req. 24 mos.) Mar 23 - 24

Jul 24 - 25 IPC-7711/7721

Certified Standards Expert (CSE)

Jan 30 - Feb 3 May 8 - 12 Dec 11 - 15 Recertifications (Reg. 24 mos.) Mar 23 - 24 lul 24 - 25

Hand Soldering Certification

Apr 17 - 21 Aug 7 - 11 Oct 23 - 27

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.

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



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