



### 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

## Online Training Start time: 10am E.S.T.

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

Jan 6 - 9  
Jan 27 - 30  
Feb 17 - 20  
Mar 10 - 13  
Mar 31 - Apr 3  
Apr 21 - 24  
May 12 - 15  
Jun 2 - 5  
Jun 23 - 26  
Jul 14 - 17  
Aug 4 - 7  
Aug 25 - 28  
Sep 15 - 18  
Oct 6 - 9  
Oct 27 - 30  
Nov 17 - 20  
Dec 8 - 11

#### Recertifications (Req. 24 mos.)

Jan 2 - 3  
Jan 20 - 21  
Feb 10 - 11  
Mar 3 - 4  
Mar 24 - 25  
Apr 14 - 15  
May 5 - 6  
May 29 - 30  
Jun 16 - 17  
Jul 7 - 8  
Jul 21 - 22  
Aug 4 - 5  
Aug 25 - 26  
Sep 15 - 16  
Oct 13 - 14  
Nov 3 - 4  
Dec 15 - 16

### IPC-A-610 Certified IPC Specialist (CIS)

#### Certification and Recertifications (Req. 24 mos.)

Jan 6 - 8  
Jan 27 - 29  
Feb 17 - 19  
Mar 10 - 12  
Mar 31 - Apr 2  
Apr 21 - 23  
May 12 - 14  
Jun 2 - 4  
Jun 23 - 25  
Jul 14 - 16  
Aug 4 - 6  
Aug 25 - 27  
Sep 15 - 17  
Oct 06 - 08  
Oct 27 - 29  
Nov 17 - 19  
Dec 8 - 10

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

Jan 6 - 9  
Jan 27 - 30  
Feb 17 - 20  
Mar 10 - 13  
Mar 31 - Apr 3  
Apr 21 - 24  
May 12 - 15  
Jun 2 - 5  
Jun 23 - 26  
Jul 14 - 17  
Aug 04 - 07  
Aug 25 - 28  
Sep 15 - 18  
Oct 6 - 9  
Oct 27 - 30  
Nov 17 - 20  
Dec 8 - 11

#### Recertifications (Req. 24 mos.)

Jan 20 - 21  
Feb 10 - 11  
Mar 3 - 4  
Mar 24 - 25  
Apr 14 - 15  
May 5 - 6  
May 29 - 30  
Jun 16 - 17  
Jul 7 - 8  
Jul 21 - 22  
Aug 4 - 5  
Aug 25 - 26  
Sep 15 - 16  
Oct 13 - 14  
Nov 03 - 4  
Dec 15 - 16

#### Challenge Tests

Online Challenge Tests are available for IPC-A-610 CIT, CIS and CSE Certification and Recertification courses on the following dates.

Jan 8	Jul 9
Jan 22	Jul 23
Feb 5	Aug 6
Feb 19	Aug 20
Mar 5	Sep 3
Mar 19	Sep 17
Apr 2	Oct 1
Apr 16	Oct 15
Apr 30	Oct 29
May 14	Nov 12
May 28	Nov 24
Jun 11	Dec 10
Jun 25	Dec 22

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

#### Recertifications (Req. 24 mos.)

#### FOR LECTURE AND EXAM ONLY\*

Feb 12 - 13  
Apr 16 - 17  
Jun 18 - 19  
Aug 6 - 7  
Oct 15 - 16  
Dec 17 - 18

\*Note: Soldering Workmanship must be scheduled separately to be completed in person.

### J-STD-001 Certified Standards Expert (CSE)

#### Recertifications (Req. 24 mos.)

Feb 12 - 13  
Apr 16 - 17  
Jun 18 - 19  
Aug 06 - 7  
Oct 15 - 16  
Dec 17 - 18

### J-STD-001 CIS, CIT and CSE Space Addendum Certification and Recertification

Jan 17  
Feb 21  
Mar 07  
Apr 16  
May 02  
Jun 20  
Jul 18  
Aug 8  
Sep 5  
Oct 24  
Nov 7  
Dec 19

#### Challenge Tests

Online Challenge Tests are available for J-STD-001 CIT, CIS, CSE and Space Addendum Certification and Recertification courses on the following dates.

Jan 8	Jul 9
Jan 22	Jul 23
Feb 5	Aug 6
Feb 19	Aug 20
Mar 5	Sep 3
Mar 19	Sep 17
Apr 2	Oct 1
Apr 16	Oct 15
Apr 30	Oct 29
May 14	Nov 12
May 28	Nov 24
Jun 11	Dec 10
Jun 25	Dec 22

### IPC-A-620 Certified IPC Trainer (CIT)

Jan 13 - 16  
Feb 3 - 6  
Feb 24 - 27  
Mar 17 - 20  
Apr 07 - 10  
Apr 28 - May 1  
May 19 - 22  
Jun 09 - 12  
Jul 07 - 10  
Jul 28 - 31  
Aug 18 - 21  
Sep 08 - 11  
Sep 29 - Oct 02  
Oct 20 - 23  
Nov 10 - 13  
Dec 1 - 4

#### Recertifications (Req. 24 mos.)

Jan 22 - 23  
Mar 5 - 6  
May 7 - 8  
Jul 23 - 24  
Aug 27 - 28  
Nov 5 - 6

### IPC-A-620 Certified IPC Specialist (CIS)

#### Certification and Recertifications (Req. 24 mos.)

Jan 13 - 16  
Feb 3 - 6  
Feb 24 - 27  
Mar 17 - 20  
Apr 07 - 10  
Apr 28 - May 01  
May 19 - 22  
Jun 09 - 12  
Jul 7 - 10  
Jul 28 - 31  
Aug 18 - 21  
Sep 08 - 11  
Sep 29 - Oct 02  
Oct 20 - 23  
Nov 10 - 13  
Dec 1 - 4

To view all of the available classes, please see our Master Schedule.

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.



### TRAINING

- Expert Training in the Latest Technologies
- Industry-Demanded Certifications

### PCB TECHNOLOGY

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#### 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

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.

## Online Training Start time: 10am E.S.T.

### IPC-A-620 Certifies Standards Expert (CSE)

Jan 13 - 16  
Feb 03 - 06  
Feb 24 - 27  
Mar 17 - 20  
Apr 07 - 10  
Apr 28 - May 1  
May 19 - 22  
Jun 09 - 12  
Jul 07 - 10  
Jul 28 - 31  
Aug 18 - 21  
Sep 08 - 11  
Sep 29 - Oct 2  
Oct 20 - 23  
Nov 10 - 13  
Dec 1 - 4

#### Recertifications (Req. 24 mos.)

Jan 22 - 23  
Mar 5 - 6  
May 7 - 8  
Jul 23 - 24  
Aug 27 - 28  
Nov 5 - 6

#### Challenge Tests

Online Challenge Tests are available for IPC-A-620 CIT, CIS and CSE Certification and Recertification courses on the following dates.

Jan 8	Jul 9
Jan 22	Jul 23
Feb 5	Aug 6
Feb 19	Aug 20
Mar 5	Sep 3
Mar 19	Sep 17
Apr 2	Oct 1
Apr 16	Oct 15
Apr 30	Oct 29
May 14	Nov 12
May 28	Nov 24
Jun 11	Dec 10
Jun 25	Dec 22

### IPC-A-600 CIT Certification

#### Certification and Recertifications (Req. 24 mos.)

Jan 6 - 8  
Mar 17 - 19  
May 12 - 14  
Jun 30 - Jul 2  
Sep 3 - 5  
Nov 3 - 5

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

#### Certification and Recertifications (Req. 24 mos.)

Jan 6 - 8  
Mar 17 - 19  
May 12 - 14  
Jun 30 - Jul 2  
Sep 3 - 5  
Nov 3 - 5

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

#### Certification and Recertifications (Req. 24 mos.)

Jan 6 - 8  
Mar 17 - 19  
May 12 - 14  
Jun 30 - Jul 2  
Sep 3 - 5  
Nov 3 - 5

#### Challenge Tests

Online Challenge Tests are available for IPC-A-600 CIT, CIS and CSE Certification and Recertification courses on the following dates.

Jan 8	Jul 9
Jan 22	Jul 23
Feb 5	Aug 6
Feb 19	Aug 20
Mar 5	Sep 3
Mar 19	Sep 17
Apr 2	Oct 1
Apr 16	Oct 15
Apr 30	Oct 29
May 14	Nov 12
May 28	Nov 24
Jun 11	Dec 10
Jun 25	Dec 22

### IPC-7711/7721 Certified Standards Expert (CSE)

#### Challenge Tests

Online Challenge Tests are available for IPC-7711/7721 CSE Certification and Recertification courses on the following dates.

Jan 8	Jul 9
Jan 22	Jul 23
Feb 5	Aug 6
Feb 19	Aug 20
Mar 5	Sep 3
Mar 19	Sep 17
Apr 2	Oct 1
Apr 16	Oct 15
Apr 30	Oct 29
May 14	Nov 12
May 28	Nov 24
Jun 11	Dec 10
Jun 25	Dec 22

### IPC-6012 Certified IPC Trainer (CIT)

#### Certification and Recertifications (Req. 24 mos.)

Feb 24 - 27  
Jul 28 - 31  
Oct 27 - 30

### IPC-6012 Certified IPC Specialist (CIS)

#### Certification and Recertifications (Req. 24 mos.)

Feb 24 - 27  
Jul 28 - 31  
Oct 27 - 30

### IPC-6012 Certified Standards Expert (CSE)

#### Certification and Recertifications (Req. 24 mos.)

Feb 24 - 27  
Jul 28 - 31  
Oct 27 - 30

#### Challenge Tests

Online Challenge Tests are available for IPC-6012 CIT, CIS and CSE Certification and Recertification courses on the following dates.

Jan 8	Jul 9
Jan 22	Jul 23
Feb 5	Aug 6
Feb 19	Aug 20
Mar 5	Sep 3
Mar 19	Sep 17
Apr 2	Oct 1
Apr 16	Oct 15
Apr 30	Oct 29
May 14	Nov 12
May 28	Nov 24
Jun 11	Dec 10
Jun 25	Dec 22

### IPC CID Certification

Jan 13 - 16  
Feb 3 - 6  
Mar 10 - 13  
Apr 7 - 10  
May 5 - 8  
Jun 09 - 12  
Jul 14 - 17  
Aug 11 - 14  
Sep 08 - 11  
Oct 6 - 9  
Nov 10 - 13  
Dec 1 - 4

### IPC CID+ Certification

Feb 10 - 13  
Apr 22 - 25  
Jun 23 - 26  
Aug 18 - 21  
Oct 13 - 16  
Dec 08 - 11

### IDEA Counterfeit Component Workshop

Mar 26  
Jul 09  
Nov 26

### IDEA Essentials

Jan 2 - 3  
Mar 27 - 28  
Jul 10 - 11  
Nov 24 - 25

### Electrostatic Discharge (ESD) Training

Jan 31  
Apr 11  
Aug 15  
Oct 31

### Component ID Training

Jan 10  
Apr 4  
Jul 18  
Oct 3

To view all of the available classes, please see our Master Schedule.