

### **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

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

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

Jan 8 - 11 Jan 29 - Feb 1 Feb 19 - 22 Mar 11 - 14 Apr 1 - 4 Apr 22 - 25 May 13 - 16 Jun 3 - 6 Jun 24 - 27 Jul 15 - 18 Aug 5 - 8 Aug 26 - 29 Sep 16 - 19 Oct 7 - 10 Oct 28 - 31 Nov 18 - 21 Dec 9 - 12

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

Jan 2 - 3 Jan 22 - 23 Feb 12 - 13 Mar 4 - 5 Apr 1 - 2 Apr 15 - 16 May 6 - 7 May 28 - 29 Jun 17 - 18 Jul 8 - 9 Jul 15 - 16 Aug 5 - 6 Aug 26 - 27 Sep 16 - 17 Oct 14 - 15 Nov 4 - 5 Dec 16 - 17

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

Jan 8 - 10 Jan 29 - 31 Feb 19 - 21 Mar 11 - 13 Apr 1 - 3 Apr 22 - 24 May 13 - 15 Jun 3 - 5 Jun 24 - 26 Jul 15 - 17 Aug 5 - 7 Aug 26 - 28 Sep 16 - 18 Oct 7 - 9 Oct 28 - 30 Nov 18 - 20 Dec 9 - 11

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

Jan 8 - 10 Jan 29 - 31 Feb 19 - 21 Mar 11 - 13 Apr 1 - 3 Apr 22 - 24 May 13 - 15 Jun 3 - 5 Jun 24 - 26 Jul 15 - 17 Aug 5 - 7 Aug 26 - 28 Sep 16 - 18 Oct 7 - 9 Oct 28 - 30 Nov 18 - 20

Dec 9 - 11

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

lan 8 - 11 Jan 29 - Feb 1 Feb 19 - 22 Mar 11 - 14 Apr 1 - 4 Apr 22 - 25 May 13 - 16 Jun 3 - 6 Jun 24 - 27 Jul 15 - 18 Aug 5 - 8 Aug 26 - 29 Sep 16 - 19 Oct 7 - 10 Oct 28 - 31 Nov 18 - 21 Dec 9 - 12

Recertifications (Req. 24 mos.) Jan 2 - 3 Jan 22 - 23 Feb 12 - 13 Mar 4 - 5 Apr 1 - 2 Apr 15 - 16 Mav 6 - 7 May 28 - 29 Jun 17 - 18 Jul 8 - 9 Jul 15 - 16 Aug 5 - 6 Aug 26 - 27 Sep 16 - 17 Oct 14 - 15 Nov 4 - 5 Dec 16 - 17

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

Jan 10	Jul 10
Jan 24	Jul 24
Feb 7	Aug 7
Feb 21	Aug 21
Mar 6	Sep 4
Mar 20	Sep 18
Apr 3	Oct 2
Apr 17	Oct 16
May 1	Oct 30
May 15	Nov 13
May 29	Nov 25
Jun 12	Dec 11
Jun 26	Dec 23

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

#### FOR LECTURE AND EXAM ONLY\*

Feb 19 - 22 Jun 3 - 6 Oct 21 - 24 \*Note: Soldering Workmanship must be scheduled separately to be completed in person. Recertifications (Req. 24 mos.)

#### M ONLY\*

OR LECTURE AND EXA
Feb 14 - 15
Jun 19 - 20
Oct 16 - 17
Dec 18 - 19
Motor Coldorina Marko

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

#### J-STD-001 CIT Space Addendum Certification

Jan 19 Feh 23 Mar 8 Apr 17 May 3 Jun 21 Jul 19 Aug 16 Sep 4 Oct 25 Nov 8 Dec 20

#### J-STD-001 CIS Space Addendum Certification

Juli 15
Feb 23
Mar 8
Apr 17
May 3
Jun 21
Jul 19
Aug 16
Sep 4
Oct 25
Nov 8
Dec 20

lan 10

#### J-STD-001 CSE Certification

Feb 19 - 22 Jun 3 - 6 Oct 21 - 24

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

Feb 14 - 15 Jun 19 - 20 Oct 16 - 17 Dec 18 - 19

#### J-STD-001 CSE Space Addendum Certification

lan 19 Feb 23 Mar 8 Apr 17 Мау 3 lun 21 Jul 19 Aug 16 Sep 4 Oct 25 Nov 8 Dec 20

#### **Challenge Tests**

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

Jul 10
Jul 24
Aug 7
Aug 21
Sep 4
Sep 18
Oct 2
Oct 16
Oct 30
Nov 13
Nov 25
Dec 11
Dec 23

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



# 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

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

## **IPC-A-620 CIT Certification**

Jan 15 - 18 Feb 5 - 8 Feb 26 - 29 Mar 18 - 21 Apr 8 - 11 April 29 - May 2 May 20 - 23 Jun 10 - 13 Jul 8 - 11 Jul 29 - Aug 1 Aug 19 - 22 Sep 9 - 12 Sep 30 - Oct 3 Oct 21 - 24 Nov 11 - 14 Dec 2 - 5

### Recertifications (Req. 24 mos.)

Jan 4 - 5 Mar 6 - 7 May 30 - 31 Jul 17 - 18 Sep 5 - 6 Nov 6 - 7

#### IPC-A-620 CIS Certification

Jan 15 - 18 Feb 5 - 8 Feb 26 - 29 Mar 18 - 21 Apr 8 - 11 April 29 - May 2 May 20 - 23 lun 10 - 13 Jul 8 - 11 Jul 29 - Aug 1 Aug 19 - 22 Sep 9 - 12 Sep 30 - Oct 3 Oct 21 - 24 Nov 11 - 14 Dec 2 - 5

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

Jan 15 - 18 Feb 5 - 8 Feb 26 - 29 Mar 18 - 21 Apr 8 - 11 April 29 - May 2 May 20 - 23 Jun 10 - 13 Jul 8 - 11 Jul 29 - Aug 1 Aug 19 - 22 Sep 9 - 12 Sep 30 - Oct 3 Oct 21 - 24 Nov 11 - 14 Dec 2 - 5

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

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

Jan 15 - 18 Feb 5 - 8 Feb 26 - 29 Mar 18 - 21 Apr 8 - 11 April 29 - May 2 May 20 - 23 Jun 10 - 13 Jul 8 - 11 Jul 29 - Aug 1 Aug 19 - 22 Sep 9 - 12 Sep 30 - Oct 3 Oct 21 - 24 Nov 11 - 14 Dec 2 - 5

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

Recertifications
Jan 4 - 5
Mar 6 - 7
May 30 - 31
Jul 17 - 18
Sep 5 - 6
Nov 6 - 7

#### **Challenge Tests**

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

Jan 10	Jul 10
Jan 24	Jul 24
Feb 7	Aug 7
Feb 21	Aug 21
Mar 6	Sep 4
Mar 20	Sep 18
Apr 3	Oct 2
Apr 17	Oct 16
May 1	Oct 30
May 15	Nov 13
May 29	Nov 25
Jun 12	Dec 11
Jun 26	Dec 23

### **IPC-A-600 CIT Certification**

Jan 2 - 4 Mar 18 - 20 May 6 - 8 Jul 1 - 3 Sep 4 - 6 Nov 4 - 6

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

Jan 2 - 4 Mar 18 - 20 May 6 - 8 Jul 1 - 3 Sep 4 - 6 Nov 4 - 6

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

Jan 2 - 4 Mar 18 - 20 May 6 - 8 Jul 1 - 3 Sep 4 - 6 Nov 4 - 6

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

Jan 2 - 4 Mar 18 - 20 May 6 - 8 Jul 1 - 3 Sep 4 - 6 Nov 4 - 6

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

Jan 2 - 4 Mar 18 - 20 May 6 - 8 Jul 1 - 3 Sep 4 - 6 Nov 4 - 6

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

Jan 2 - 4 Mar 18 - 20 May 6 - 8 Jul 1 - 3 Sep 4 - 6 Nov 4 - 6

#### **Challenge Tests**

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

Jan 10	Jul 10
Jan 24	Jul 24
Feb 7	Aug 7
Feb 21	Aug 21
Mar 6	Sep 4
Mar 20	Sep 18
Apr 3	Oct 2
Apr 17	Oct 16
May 1	Oct 30
May 15	Nov 13
May 29	Nov 25
Jun 12	Dec 11
Jun 26	Dec 23



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■ IPC J-STD-001 Instructor & Operator Certification

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- IPC-A-600 Instructor & Operator Certification
- IPC-6012 Instructor & Operator Certification

#### **Rework & Repair**

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

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- Electrostatic Discharge

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- 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-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 10	Jul 10
Jan 24	Jul 24
Feb 7	Aug 7
Feb 21	Aug 21
Mar 6	Sep 4
Mar 20	Sep 18
Apr 3	Oct 2
Apr 17	Oct 16
May 1	Oct 30
May 15	Nov 13
May 29	Nov 25
Jun 12	Dec 11
Jun 26	Dec 23

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

### **IPC-6012 Certified IPC IPC CID Certification**

#### **Trainer (CIT)** Feb 26 - 29

Jun 17 - 20 Oct 28 - 31

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

Feb 26 - 29 Jun 17 - 20 Oct 28 - 31

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

Feb 26 - 29 Jun 17 - 20 Oct 28 - 31

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

Feb 26 - 29 lun 17 - 20 Oct 28 - 31

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

Feb 26 - 29 Jun 17 - 20 Oct 28 - 31

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

Feb 26 - 29 Jun 17 - 20 Oct 28 - 31

#### **Challenge Tests**

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

Jan 10	Jul 10
Jan 24	Jul 24
Feb 7	Aug 7
Feb 21	Aug 21
Mar 6	Sep 4
Mar 20	Sep 18
Apr 3	Oct 2
Apr 17	Oct 16
May 1	Oct 30
May 15	Nov 13
May 29	Nov 25
Jun 12	Dec 11
Jun 26	Dec 23

### Ian 15 - 18

Feb 5 - 8 Mar 11 - 14 Apr 8 - 11 May 13 - 16

Jun 10 - 13 Jul 15 - 18 Aug 12 - 15 Sep 9 - 12 Oct 7 - 10

Nov 11 - 14

Dec 2 - 5

### **IPC CID+ Certification**

Feb 12 - 15 Apr 22 - 25 Jun 24 - 27 Aua 19 - 22 Oct 14 - 17 Dec 9 - 12

#### **IDEA Counterfeit Component** Workshop

Jan 3 Apr 3 Jul 10 Nov 27

#### **IDEA Essentials**

Jan 4 - 5 Apr 4 - 5 Jul 11 - 12 Nov 25 - 26

#### **Electrostatic** Discharge (ESD) **Training**

Feb 2 Apr 12 Aug 7 Nov 1

#### **Component ID Training**

Jan 12 Apr 5 Jul 19 Oct 4