



### 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

### HARNESST 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

## New England Manchester, NH | Watertown, CT | Peabody, MA

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

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

Jan 11 - 14 ... Watertown, CT  
 Feb 8 - 11 ... Manchester, NH  
 Apr 12 - 15 ... Manchester, NH  
 Apr 19 - 22 ... Watertown, CT  
 Jun 1 - 4 ... Manchester, NH  
 Jul 13 - 16 ... Watertown, CT  
 Aug 16 - 19 ... Manchester, NH  
 Oct 4 - 7 ... Watertown, CT  
 Oct 11 - 14 ... Manchester, NH  
 Dec 6 - 9 ... Manchester, NH

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

Jan 4 - 5 ... Manchester, NH  
 Jan 25 - 26 ... Watertown, CT  
 Mar 8 - 9 ... Manchester, NH  
 May 3 - 4 ... Manchester, NH  
 May 6 - 7 ... Watertown, CT  
 Jul 6 - 7 ... Manchester, NH  
 Aug 2 - 3 ... Watertown, CT  
 Sep 7 - 8 ... Manchester, NH  
 Oct 4 - 5 ... Manchester, NH  
 Nov 8 - 9 ... Manchester, NH  
 Nov 15 - 16 ... Watertown, CT

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.

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

Jan 11 - 13 ... Watertown, CT  
 Jan 18 - 20 ... Manchester, NH  
 Feb 15 - 17 ... Manchester, NH  
 Mar 22 - 24 ... Manchester, NH  
 Apr 19 - 21 ... Manchester, NH  
 Apr 19 - 21 ... Watertown, CT  
 May 17 - 19 ... Manchester, NH  
 Jun 7 - 9 ... Manchester, NH  
 Jul 13 - 15 ... Watertown, CT  
 Jul 26 - 28 ... Manchester, NH  
 Aug 9 - 11 ... Manchester, NH  
 Sep 20 - 22 ... Manchester, NH  
 Sep 27 - 29 ... Manchester, NH  
 Oct 4 - 6 ... Watertown, CT  
 Oct 18 - 20 ... Manchester, NH  
 Nov 15 - 17 ... Manchester, NH

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

Jan 11 - 13 ... Watertown, CT  
 Jan 18 - 20 ... Manchester, NH  
 Feb 15 - 17 ... Manchester, NH  
 Mar 22 - 24 ... Manchester, NH  
 Apr 19 - 21 ... Manchester, NH  
 Apr 19 - 21 ... Watertown, CT  
 May 17 - 19 ... Manchester, NH  
 Jun 7 - 9 ... Manchester, NH  
 Jul 13 - 15 ... Watertown, CT  
 Jul 26 - 28 ... Manchester, NH  
 Aug 9 - 11 ... Manchester, NH  
 Sep 20 - 22 ... Manchester, NH  
 Sep 27 - 29 ... Manchester, NH  
 Oct 4 - 6 ... Watertown, CT  
 Oct 18 - 20 ... Manchester, NH  
 Nov 15 - 17 ... Manchester, NH

#### Challenge Tests

In-person Challenge Tests for IPC-A-610 CIT, CIS and CSE Certification and Recertification courses are held in Manchester, NH on the following dates.

Jan 21	May 7	Sep 23
Feb 5	May 21	Oct 21
Feb 19	Jun 30	Nov 23
Mar 26	Jul 22	Dec 20
Apr 16	Aug 6	

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

Jan 11 - 14 ... Watertown, CT  
 Feb 8 - 11 ... Manchester, NH  
 Apr 12 - 15 ... Manchester, NH  
 Apr 19 - 22 ... Watertown, CT  
 Jun 1 - 4 ... Manchester, NH  
 Jul 13 - 16 ... Watertown, CT  
 Aug 16 - 19 ... Manchester, NH  
 Oct 4 - 7 ... Watertown, CT  
 Oct 11 - 14 ... Manchester, NH  
 Dec 6 - 9 ... Manchester, NH

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

Jan 4 - 5 ... Manchester, NH  
 Jan 25 - 26 ... Watertown, CT  
 Mar 8 - 9 ... Manchester, NH  
 May 3 - 4 ... Manchester, NH  
 May 6 - 7 ... Watertown, CT  
 Jul 6 - 7 ... Manchester, NH  
 Aug 2 - 3 ... Watertown, CT  
 Sep 7 - 8 ... Manchester, NH  
 Oct 4 - 5 ... Manchester, NH  
 Nov 8 - 9 ... Manchester, NH  
 Nov 15 - 16 ... Watertown, CT

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

Jan 15 ... Watertown, CT  
 Feb 18 ... Manchester, NH  
 Mar 25 ... Manchester, NH  
 Apr 22 ... Manchester, NH  
 Apr 23 ... Watertown, CT  
 May 20 ... Manchester, NH  
 Jun 10 ... Manchester, NH  
 Jul 29 ... Manchester, NH  
 Aug 12 ... Manchester, NH  
 Sep 30 ... Manchester, NH  
 Oct 8 ... Watertown, CT  
 Oct 15 ... Manchester, NH  
 Dec 10 ... Manchester, NH



### TRAINING

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### 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

## New England Manchester, NH | Watertown, CT | Peabody, MA

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

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

Jan 18 - 22 ... Manchester, NH  
 Feb 8 - 12 ... Watertown, CT  
 Mar 1 - 5 ... Watertown, CT  
 Mar 22 - 26 ... Manchester, NH  
 May 17 - 21 ... Watertown, CT  
 May 17 - 21 ... Manchester, NH  
 Jul 26 - 30 ... Manchester, NH  
 Aug 16 - 20 ... Watertown, CT  
 Aug 30 - Sep 3 Manchester, NH  
 Nov 1 - 5 ... Manchester, NH  
 Nov 8 - 12 ... Watertown, CT

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

Jan 4 - 5 ... Manchester, NH  
 Jan 27 - 28 ... Watertown, CT  
 Mar 10 - 11 ... Manchester, NH  
 May 3 - 4 ... Manchester, NH  
 May 10 - 11 ... Watertown, CT  
 Jul 6 - 7 ... Manchester, NH  
 Aug 4 - 5 ... Watertown, CT  
 Sep 9 - 10 ... Manchester, NH  
 Oct 4 - 5 ... Manchester, NH  
 Nov 10 - 11 ... Manchester, NH  
 Nov 17 - 18 ... Watertown, CT

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

Jan 29 ... Manchester, NH  
 Jan 29 ... Watertown, CT  
 Mar 29 ... Manchester, NH  
 May 14 ... Watertown, CT  
 Jun 28 ... Manchester, NH  
 Jul 23 ... Manchester, NH  
 Aug 6 ... Watertown, CT  
 Sep 27 ... Manchester, NH  
 Nov 12 ... Manchester, NH  
 Dec 21 ... Manchester, NH

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

Jan 29 ... Manchester, NH  
 Jan 29 ... Watertown, CT  
 Mar 29 ... Manchester, NH  
 May 14 ... Watertown, CT  
 Jun 28 ... Manchester, NH  
 Jul 23 ... Manchester, NH  
 Aug 6 ... Watertown, CT  
 Sep 27 ... Manchester, NH  
 Nov 12 ... Manchester, NH  
 Dec 21 ... Manchester, NH

#### Challenge Tests

In-person Challenge Tests are available for the following courses: J-STD-001 CIT Certification and recertification; J-STD-001 CIS Space Addendum Certification and Recertification; and J-STD-001 CSE Certification and Recertification courses. All classes are held in Manchester, NH on the following dates.

Jan 21	May 7	Sep 23
Feb 5	May 21	Oct 21
Feb 19	Jun 30	Nov 23
Mar 26	Jul 22	Dec 20
Apr 16	Aug 6	

### J-STD-001 Certified IPC Specialist (CIS)

Feb 8 - 12 ... Watertown, CT  
 Feb 22 - 26 ... Manchester, NH  
 Mar 1 - 5 ... Watertown, CT  
 Apr 5 - 9 ... Manchester, NH  
 May 17 - 21 ... Watertown, CT  
 Jun 21 - 25 ... Manchester, NH  
 Aug 2 - 6 ... Manchester, NH  
 Aug 16 - 20 ... Watertown, CT  
 Sep 20 - 24 ... Manchester, NH  
 Nov 8 - 12 ... Watertown, CT  
 Dec 6 - 10 ... Manchester, NH

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

Feb 8 - 12 ... Watertown, CT  
 Feb 22 - 26 ... Manchester, NH  
 Mar 1 - 5 ... Watertown, CT  
 Apr 5 - 9 ... Manchester, NH  
 May 17 - 21 ... Watertown, CT  
 Jun 21 - 25 ... Manchester, NH  
 Aug 2 - 6 ... Manchester, NH  
 Aug 16 - 20 ... Watertown, CT  
 Sep 20 - 24 ... Manchester, NH  
 Nov 8 - 12 ... Watertown, CT  
 Dec 6 - 10 ... Manchester, NH

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

Jan 29 ... Manchester, NH  
 Jan 29 ... Watertown, CT  
 Mar 29 ... Manchester, NH  
 May 14 ... Watertown, CT  
 Jun 28 ... Manchester, NH  
 Jul 23 ... Manchester, NH  
 Aug 6 ... Watertown, CT  
 Sep 27 ... Manchester, NH  
 Nov 12 ... Manchester, NH  
 Dec 21 ... Manchester, NH

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

Jan 29 ... Manchester, NH  
 Jan 29 ... Watertown, CT  
 Mar 29 ... Manchester, NH  
 May 14 ... Watertown, CT  
 Jun 28 ... Manchester, NH  
 Jul 23 ... Manchester, NH  
 Aug 6 ... Watertown, CT  
 Sep 27 ... Manchester, NH  
 Nov 12 ... Manchester, NH  
 Dec 21 ... Manchester, NH

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

Jan 18 - 22 ... Manchester, NH  
 Feb 8 - 12 ... Watertown, CT  
 Mar 22 - 26 ... Manchester, NH  
 May 17 - 21 ... Manchester, NH  
 May 17 - 21 ... Watertown, CT  
 Jul 26 - 30 ... Manchester, NH  
 Aug 16 - 20 ... Watertown, CT  
 Aug 30 - Sep 3 Manchester, NH  
 Nov 1 - 5 ... Manchester, NH  
 Nov 8 - 12 ... Watertown, CT

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

Jan 4 - 5 ... Manchester, NH  
 Jan 27 - 28 ... Watertown, CT  
 Mar 8 - 9 ... Manchester, NH  
 May 3 - 4 ... Manchester, NH  
 May 10 - 11 ... Watertown, CT  
 Jul 6 - 7 ... Manchester, NH  
 Aug 4 - 5 ... Watertown, CT  
 Sep 7 - 8 ... Manchester, NH  
 Oct 4 - 5 ... Manchester, NH  
 Nov 10 - 11 ... Manchester, NH  
 Nov 17 - 18 ... Watertown, CT

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.



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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

## New England Manchester, NH | Watertown, CT | Peabody, MA

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

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

Jan 11 - 14 . . . Manchester, NH  
 Jan 19 - 22 . . . Watertown, CT  
 Mar 15 - 18 . . . Manchester, NH  
 Apr 12 - 15 . . . Watertown, CT  
 May 10 - 13 . . . Manchester, NH  
 Jul 12 - 15 . . . Manchester, NH  
 Jul 19 - 22 . . . Watertown, CT  
 Sep 13 - 16 . . . Manchester, NH  
 Oct 25 - 28 . . . Watertown, CT  
 Dec 13 - 16 . . . Manchester, NH

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

Feb 1 - 2 . . . . . Manchester, NH  
 Mar 1 - 2 . . . . . Manchester, NH  
 Mar 22 - 23 . . . Watertown, CT  
 Jun 1 - 2 . . . . . Manchester, NH  
 Jun 10 - 11 . . . Watertown, CT  
 Aug 16 - 17 . . . Manchester, NH  
 Oct 11 - 12 . . . Watertown, CT  
 Nov 22 - 23 . . . Manchester, NH

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

Jan 19 - 22 . . . Watertown, CT  
 Jan 25 - 28 . . . Manchester, NH  
 Mar 1 - 4 . . . . . Manchester, NH  
 Apr 12 - 15 . . . Watertown, CT  
 Apr 26 - 29 . . . Manchester, NH  
 Jun 14 - 17 . . . Manchester, NH  
 Jul 19 - 22 . . . Watertown, CT  
 Aug 23 - 26 . . . Manchester, NH  
 Oct 25 - 28 . . . Watertown, CT  
 Oct 26 - 29 . . . Manchester, NH  
 Nov 1 - 4 . . . . . Manchester, NH

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

Jan 19 - 22 . . . Watertown, CT  
 Jan 25 - 28 . . . Manchester, NH  
 Mar 1 - 4 . . . . . Manchester, NH  
 Apr 12 - 15 . . . Watertown, CT  
 Apr 26 - 29 . . . Manchester, NH  
 Jun 14 - 17 . . . Manchester, NH  
 Jul 19 - 22 . . . Watertown, CT  
 Aug 23 - 26 . . . Manchester, NH  
 Oct 25 - 28 . . . Watertown, CT  
 Oct 26 - 29 . . . Manchester, NH  
 Nov 1 - 4 . . . . . Manchester, NH

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.

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

Jan 11 - 14 . . . Manchester, NH  
 Jan 19 - 22 . . . Watertown, CT  
 Mar 15 - 18 . . . Manchester, NH  
 Apr 12 - 15 . . . Watertown, CT  
 May 10 - 13 . . . Manchester, NH  
 Jul 12 - 15 . . . Manchester, NH  
 Jul 19 - 22 . . . Watertown, CT  
 Sep 13 - 16 . . . Manchester, NH  
 Oct 25 - 28 . . . Watertown, CT  
 Dec 13 - 16 . . . Manchester, NH

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

Feb 1 - 2 . . . . . Manchester, NH  
 Mar 1 - 2 . . . . . Manchester, NH  
 Mar 22 - 23 . . . Watertown, CT  
 Jun 1 - 2 . . . . . Manchester, NH  
 Jun 10 - 11 . . . Watertown, CT  
 Aug 16 - 17 . . . Manchester, NH  
 Oct 11 - 12 . . . Watertown, CT  
 Nov 22 - 23 . . . Manchester, NH

### 620 Hands-on Labs (CIT or CIS Option)

Jan 15 . . . . . Manchester, NH  
 Mar 5 . . . . . Manchester, NH  
 Mar 19 . . . . . Manchester, NH  
 Apr 16 . . . . . Watertown, CT  
 Apr 30 . . . . . Manchester, NH  
 May 14 . . . . . Manchester, NH  
 Jun 18 . . . . . Manchester, NH  
 Jul 16 . . . . . Manchester, NH  
 Jul 23 . . . . . Watertown, CT  
 Aug 27 . . . . . Manchester, NH  
 Sep 17 . . . . . Manchester, NH  
 Oct 29 . . . . . Watertown, CT  
 Nov 5 . . . . . Manchester, NH  
 Dec 17 . . . . . Manchester, NH

#### Challenge Tests

In-person Challenge Tests for IPC-A-620 CIT, CIS and CSE courses are held in Manchester, NH on the following dates.

Jan 21	May 7	Sep 23
Feb 5	May 21	Oct 21
Feb 19	Jun 30	Nov 23
Mar 26	Jul 22	Dec 20
Apr 16	Aug 6	



### TRAINING

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### 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

## New England Manchester, NH | Watertown, CT | Peabody, MA

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

### IPC-A-600 Certified IPC Trainer (CIT)

Apr 6 - 8 . . . . . Manchester, NH  
 Aug 3 - 5 . . . . . Manchester, NH  
 Nov 30 - Dec 2 Manchester, NH

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

Apr 6 - 8 . . . . . Manchester, NH  
 Aug 3 - 5 . . . . . Manchester, NH  
 Nov 30 - Dec 2 Manchester, NH

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

Apr 6 - 8 . . . . . Manchester, NH  
 Aug 3 - 5 . . . . . Manchester, NH  
 Nov 30 - Dec 2 Manchester, NH

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

Apr 6 - 8 . . . . . Manchester, NH  
 Aug 3 - 5 . . . . . Manchester, NH  
 Nov 30 - Dec 2 Manchester, NH

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

Apr 6 - 8 . . . . . Manchester, NH  
 Aug 3 - 5 . . . . . Manchester, NH  
 Nov 30 - Dec 2 Manchester, NH

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

Apr 6 - 8 . . . . . Manchester, NH  
 Aug 3 - 5 . . . . . Manchester, NH  
 Nov 30 - Dec 2 Manchester, NH

#### Challenge Tests

In-person Challenge Tests for IPC-A-600 CIT, CIS and CSE courses are held in Manchester, NH on the following dates.

Jan 21	Jun 30
Feb 5	Jul 22
Feb 19	Aug 6
Mar 26	Sep 23
Apr 16	Oct 21
May 7	Nov 23
May 21	Dec 20

### IPC-7711/7721 Certified IPC Instructor (CIT)

Jan 25 - 29 . . . . . Manchester, NH  
 Mar 15 - 19 . . . . . Watertown, CT  
 Apr 19 - 23 . . . . . Manchester, NH  
 Jun 7 - 11 . . . . . Watertown, CT  
 Jul 19 - 23 . . . . . Manchester, NH  
 Aug 23 - 27 . . . . . Manchester, NH  
 Oct 25 - 29 . . . . . Manchester, NH  
 Nov 29 - Dec 3 Manchester, NH

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

Feb 3 - 4 . . . . . Manchester, NH  
 Mar 29 - 30 . . . . . Manchester, NH  
 May 24 - 25 . . . . . Manchester, NH  
 Jun 28 - 29 . . . . . Manchester, NH  
 Aug 18 - 19 . . . . . Manchester, NH  
 Sep 28 - 29 . . . . . Manchester, NH  
 Nov 8 - 9 . . . . . Manchester, NH

### IPC-7711/7721 Certified IPC Specialist (CIS)

Jan 25 - 29 . . . . . Manchester, NH  
 Mar 15 - 19 . . . . . Watertown, CT  
 Apr 19 - 23 . . . . . Manchester, NH  
 Jul 19 - 23 . . . . . Manchester, NH  
 Jul 26 - 30 . . . . . Watertown, CT  
 Aug 23 - 27 . . . . . Manchester, NH  
 Oct 25 - 29 . . . . . Manchester, NH  
 Nov 29 - Dec 3 Manchester, NH

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

Feb 3 - 4 . . . . . Manchester, NH  
 Mar 29 - 30 . . . . . Manchester, NH  
 May 24 - 25 . . . . . Manchester, NH  
 Jun 28 - 29 . . . . . Manchester, NH  
 Aug 18 - 19 . . . . . Manchester, NH  
 Sep 28 - 29 . . . . . Manchester, NH  
 Nov 8 - 9 . . . . . Manchester, NH

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

Jan 25 - 29 . . . . . Manchester, NH  
 Mar 15 - 19 . . . . . Watertown, CT  
 Apr 19 - 23 . . . . . Manchester, NH  
 Jun 7 - 11 . . . . . Watertown, CT  
 Jul 19 - 23 . . . . . Manchester, NH  
 Aug 23 - 27 . . . . . Manchester, NH  
 Oct 25 - 29 . . . . . Manchester, NH  
 Nov 29 - Dec 3 Manchester, NH

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

Feb 3 - 4 . . . . . Manchester, NH  
 Mar 29 - 30 . . . . . Manchester, NH  
 May 24 - 25 . . . . . Manchester, NH  
 Jun 28 - 29 . . . . . Manchester, NH  
 Aug 18 - 19 . . . . . Manchester, NH  
 Sep 28 - 29 . . . . . Manchester, NH  
 Nov 8 - 9 . . . . . Manchester, NH

### IDEA Counterfeit Component Workshop

Jun 2 . . . . . Peabody, MA

### IDEA Essentials

Feb 4 - 5 . . . . . Peabody, MA  
 Sep 23 - 24 . . . . . Peabody, MA

### Hand Soldering Certification

Jan 11 - 15 . . . . . Manchester, NH  
 Feb 8 - 12 . . . . . Manchester, NH  
 Mar 8 - 12 . . . . . Watertown, CT  
 Mar 15 - 19 . . . . . Manchester, NH  
 Apr 12 - 16 . . . . . Manchester, NH  
 May 10 - 14 . . . . . Manchester, NH  
 Jun 14 - 18 . . . . . Manchester, NH  
 Jun 14 - 18 . . . . . Watertown, CT  
 Jul 12 - 16 . . . . . Manchester, NH  
 Aug 9 - 13 . . . . . Manchester, NH  
 Sep 13 - 17 . . . . . Manchester, NH  
 Sep 20 - 24 . . . . . Watertown, CT  
 Oct 11 - 15 . . . . . Manchester, NH  
 Nov 15 - 19 . . . . . Manchester, NH  
 Dec 6 - 10 . . . . . Watertown, CT  
 Dec 13 - 17 . . . . . Manchester, NH

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

Jan 8 . . . . . Manchester, NH  
 Feb 19 . . . . . Manchester, NH  
 Mar 5 . . . . . Manchester, NH  
 Apr 2 . . . . . Manchester, NH  
 May 7 . . . . . Manchester, NH  
 Jun 11 . . . . . Manchester, NH  
 Aug 20 . . . . . Manchester, NH  
 Sep 17 . . . . . Watertown, CT  
 Oct 8 . . . . . Manchester, NH  
 Nov 12 . . . . . Manchester, NH  
 Nov 19 . . . . . Watertown, CT

### Advanced SMT Micro Hand Soldering Certification

Mar 3 - 4 . . . . . Manchester, NH  
 Jun 8 - 9 . . . . . Manchester, NH  
 Oct 18 - 19 . . . . . Manchester, NH

### Crimp Terminations Certification

Apr 2 . . . . . Manchester, NH  
 Aug 13 . . . . . Manchester, NH  
 Dec 20 . . . . . Manchester, NH

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

Apr 2 . . . . . Manchester, NH  
 Aug 13 . . . . . Manchester, NH  
 Dec 20 . . . . . Manchester, NH

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