



### 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

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.

## New England Manchester, NH | Watertown, CT

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

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

Jan 6 - 9	Watertown, CT
Feb 3 - 6	Manchester, NH
Mar 17 - 20	Watertown, CT
Apr 7 - 10	Manchester, NH
May 5 - 8	Watertown, CT
Jun 2 - 5	Manchester, NH
Jul 14 - 17	Watertown, CT
Aug 11 - 14	Manchester, NH
Sep 22 - 25	Watertown, CT
Oct 20 - 23	Manchester, NH
Nov 10 - 13	Watertown, CT
Dec 8 - 11	Manchester, NH

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

Jan 6 - 7	Manchester, NH
Jan 13 - 14	Watertown, CT
Mar 10 - 11	Manchester, NH
Apr 21 - 22	Watertown, CT
May 5 - 6	Manchester, NH
Jul 7 - 8	Manchester, NH
Jul 28 - 29	Watertown, CT
Sep 2 - 3	Manchester, NH
Oct 6 - 7	Manchester, NH
Nov 3 - 4	Watertown, CT
Nov 10 - 11	Manchester, NH

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

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

Jan 6 - 8	Watertown, CT
Jan 20 - 22	Manchester, NH
Feb 10 - 12	Manchester, NH
Mar 3 - 5	Manchester, NH
Mar 17 - 19	Watertown, CT
Mar 24 - 26	Manchester, NH
Apr 14 - 16	Manchester, NH
May 5 - 7	Manchester, NH
May 5 - 7	Watertown, CT
May 27 - 29	Manchester, NH
Jun 16 - 18	Manchester, NH
Jul 7 - 9	Manchester, NH
Jul 14 - 16	Watertown, CT
Jul 28 - 30	Manchester, NH
Aug 18 - 20	Manchester, NH
Sep 8 - 10	Manchester, NH
Sep 22 - 24	Watertown, CT
Sep 30 - Oct 2	Manchester, NH
Oct 13 - 15	Manchester, NH
Nov 3 - 5	Manchester, NH
Nov 10 - 12	Watertown, CT
Nov 17 - 19	Manchester, NH
Dec 15 - 17	Manchester, NH

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

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

Jan 6 - 9	Watertown, CT
Feb 3 - 6	Manchester, NH
Mar 17 - 20	Watertown, CT
Apr 7 - 10	Manchester, NH
May 5 - 8	Watertown, CT
Jun 2 - 5	Manchester, NH
Jul 14 - 17	Watertown, CT
Aug 11 - 14	Manchester, NH
Sep 22 - 25	Watertown, CT
Oct 20 - 23	Manchester, NH
Nov 10 - 13	Watertown, CT
Dec 8 - 11	Manchester, NH

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

Jan 6 - 7	Manchester, NH
Jan 13 - 14	Watertown, CT
Mar 10 - 11	Manchester, NH
Apr 21 - 22	Watertown, CT
May 5 - 6	Manchester, NH
Jul 7 - 8	Manchester, NH
Jul 28 - 29	Watertown, CT
Sep 2 - 3	Manchester, NH
Oct 6 - 7	Manchester, NH
Nov 3 - 4	Watertown, CT
Nov 10 - 11	Manchester, NH

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

Jan 10	Watertown, CT
Jan 23	Manchester, NH
Feb 13	Manchester, NH
Mar 21	Watertown, CT
Mar 27	Manchester, NH
Apr 17	Manchester, NH
May 8	Manchester, NH
May 30	Manchester, NH
Jun 19	Manchester, NH
Jul 10	Manchester, NH
Jul 18	Watertown, CT
Jul 31	Manchester, NH
Aug 21	Manchester, NH
Sep 11	Manchester, NH
Sep 26	Watertown, CT
Oct 3	Manchester, NH
Oct 16	Manchester, NH
Oct 24	Manchester, NH
Nov 6	Manchester, NH
Nov 14	Watertown, CT
Dec 12	Manchester, NH
Dec 18	Manchester, NH

#### Challenge Tests

In-person Challenge Tests are available for the following courses: IPC-A-610 CIT, CIS and CSE Certification and Recertification; 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 3	May 9	Oct 17
Jan 24	Jun 6	Nov 7
Feb 14	Jun 19	Dec 22
Feb 26	Aug 7	
Apr 11	Sep 12	

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

Jan 20 - 24	Manchester, NH
Feb 3 - 7	Watertown, CT
Mar 17 - 21	Manchester, NH
Apr 7 - 11	Watertown, CT
May 19 - 23	Manchester, NH
Jun 16 - 20	Watertown, CT
Jul 14 - 18	Manchester, NH
Aug 18 - 22	Watertown, CT
Sep 8 - 12	Manchester, NH
Oct 27 - 31	Watertown, CT
Nov 3 - 7	Manchester, NH
Dec 8 - 12	Watertown, CT

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

Jan 8 - 9	Manchester, NH
Jan 15 - 16	Watertown, CT
Mar 12 - 13	Manchester, NH
Apr 23 - 24	Watertown, CT
May 7 - 8	Manchester, NH
Jul 9 - 10	Manchester, NH
Jul 30 - 31	Watertown, CT
Sep 4 - 5	Manchester, NH
Oct 8 - 9	Manchester, NH
Nov 5 - 6	Watertown, CT
Nov 12 - 13	Manchester, NH

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

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

Jan 13 - 17	Manchester, NH
Feb 3 - 7	Watertown, CT
Feb 17 - 21	Manchester, NH
Mar 24 - 28	Manchester, NH
Apr 7 - 11	Watertown, CT
Apr 14 - 18	Manchester, NH
May 12 - 16	Manchester, NH
Jun 16 - 20	Watertown, CT
Jun 23 - 27	Manchester, NH
Jul 21 - 25	Manchester, NH
Aug 18 - 22	Watertown, CT
Aug 25 - 29	Manchester, NH
Sep 22 - 26	Manchester, NH
Oct 13 - 17	Manchester, NH
Oct 27 - 31	Watertown, CT
Nov 17 - 21	Manchester, NH
Dec 8 - 12	Manchester, NH
Dec 8 - 12	Watertown, CT



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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

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

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

Jan 20 - 24	Manchester, NH
Feb 3 - 7	Watertown, CT
Mar 17 - 21	Manchester, NH
Apr 7 - 11	Watertown, CT
May 19 - 23	Manchester, NH
Jun 16 - 20	Watertown, CT
Jul 14 - 18	Manchester, NH
Aug 18 - 22	Watertown, CT
Sep 8 - 12	Manchester, NH
Oct 27 - 31	Watertown, CT
Nov 3 - 7	Manchester, NH
Dec 8 - 12	Watertown, CT

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

Jan 8 - 9	Manchester, NH
Jan 15 - 16	Watertown, CT
Mar 12 - 13	Manchester, NH
Apr 23 - 24	Watertown, CT
May 7 - 8	Manchester, NH
Jul 9 - 10	Manchester, NH
Jul 30 - 31	Watertown, CT
Sep 4 - 5	Manchester, NH
Oct 8 - 9	Manchester, NH
Nov 5 - 6	Watertown, CT
Nov 12 - 13	Manchester, NH

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

Jan 10	Manchester, NH
Jan 17	Watertown, CT
Mar 7	Manchester, NH
Apr 18	Manchester, NH
Apr 25	Watertown, CT
May 9	Manchester, NH
Jul 11	Manchester, NH
Aug 1	Watertown, CT
Sep 29	Manchester, NH
Nov 7	Watertown, CT
Nov 14	Manchester, NH
Dec 22	Manchester, NH

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

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

Jan 13 - 16	Manchester, NH
Feb 10 - 13	Watertown, CT
Mar 3 - 6	Manchester, NH
Apr 14 - 17	Watertown, CT
May 19 - 22	Manchester, NH
Jun 23 - 26	Manchester, NH
Jun 23 - 26	Watertown, CT
Jul 21 - 24	Manchester, NH
Aug 11 - 14	Watertown, CT
Sep 2 - 5	Manchester, NH
Oct 20 - 23	Watertown, CT
Dec 15 - 18	Manchester, NH
Dec 15 - 18	Watertown, CT

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

Feb 24 - 25	Manchester, NH
Mar 24 - 25	Watertown, CT
May 19 - 20	Watertown, CT
Jun 30 - Jul 1	Manchester, NH
Aug 7 - 8	Watertown, CT
Oct 2 - 3	Watertown, CT
Nov 24 - 25	Manchester, NH

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

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

Jan 27 - 30	Manchester, NH
Feb 10 - 13	Watertown, CT
Feb 17 - 20	Manchester, NH
Mar 10 - 13	Manchester, NH
Mar 31 - Apr 3	Manchester, NH
Apr 14 - 17	Watertown, CT
Apr 21 - 24	Manchester, NH
May 12 - 15	Manchester, NH
Jun 2 - 5	Manchester, NH
Jun 23 - 26	Manchester, NH
Jun 23 - 26	Watertown, CT
Jul 14 - 17	Manchester, NH
Aug 4 - 7	Manchester, NH
Aug 11 - 14	Watertown, CT
Aug 25 - 28	Manchester, NH
Sep 15 - 18	Manchester, NH
Oct 6 - 9	Manchester, NH
Oct 20 - 23	Watertown, CT
Oct 27 - 30	Manchester, NH
Nov 10 - 13	Manchester, NH
Dec 1 - 4	Manchester, NH
Dec 15 - 18	Watertown, CT

#### Challenge Tests

In-person Challenge Tests are available for the following courses: IPC-A-620 CIT, CIS and CSE, 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 3	May 9	Oct 17
Jan 24	Jun 6	Nov 7
Feb 14	Jun 19	Dec 22
Feb 26	Aug 7	
Apr 11	Sep 12	

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

Jan 13 - 16	Manchester, NH
Feb 10 - 13	Watertown, CT
Mar 3 - 6	Manchester, NH
Apr 14 - 17	Watertown, CT
May 19 - 22	Manchester, NH
Jun 23 - 26	Manchester, NH
Jun 23 - 26	Watertown, CT
Jul 21 - 24	Manchester, NH
Aug 11 - 14	Watertown, CT
Sep 2 - 5	Manchester, NH
Oct 20 - 23	Watertown, CT
Dec 15 - 18	Manchester, NH
Dec 15 - 18	Watertown, CT

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

Feb 24 - 25	Manchester, NH
Mar 24 - 25	Watertown, CT
May 19 - 20	Watertown, CT
Jun 30 - Jul 1	Manchester, NH
Aug 7 - 8	Watertown, CT
Oct 2 - 3	Watertown, CT
Nov 24 - 25	Manchester, NH

### EPTAC's Hands On Cable & Wire Harness Lab

Jan 17	Manchester, NH
Jan 31	Manchester, NH
Feb 14	Watertown, CT
Feb 21	Manchester, NH
Mar 14	Manchester, NH
Apr 18	Watertown, CT
Apr 25	Manchester, NH
May 16	Manchester, NH
May 23	Manchester, NH
Jun 6	Manchester, NH
Jun 27	Manchester, NH
Jun 27	Watertown, CT
Jul 18	Manchester, NH
Jul 25	Manchester, NH
Aug 8	Manchester, NH
Aug 15	Watertown, CT
Sep 19	Manchester, NH
Oct 10	Manchester, NH
Oct 24	Watertown, CT
Nov 14	Manchester, NH
Dec 5	Manchester, NH
Dec 19	Manchester, NH
Dec 19	Watertown, CT

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#### 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.

## New England Manchester, NH | Watertown, CT

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

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

Certification and Recertifications (Req. 24 mos.)

Jun 9 - 11	Manchester, NH
Oct 27 - 29	Manchester, NH

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

Certification and Recertifications (Req. 24 mos.)

Jun 9 - 11	Manchester, NH
Oct 27 - 29	Manchester, NH

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

Certification and Recertifications (Req. 24 mos.)

Jun 9 - 11	Manchester, NH
Oct 27 - 29	Manchester, NH

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

Feb 10 - 14	Manchester, NH
Mar 3 - 7	Watertown, CT
Apr 21 - 25	Manchester, NH
Jun 2 - 6	Manchester, NH
Jul 21 - 25	Watertown, CT
Aug 11 - 15	Manchester, NH
Oct 6 - 10	Watertown, CT
Oct 27 - 31	Manchester, NH
Dec 1 - 5	Manchester, NH

Recertifications (Req. 24 mos.)

Jan 30 - 31	Manchester, NH
Mar 31 - Apr 1	Manchester, NH
May 29 - 30	Manchester, NH
Jun 11 - 12	Watertown, CT
Jun 30 - Jul 1	Manchester, NH
Aug 18 - 19	Manchester, NH
Sep 22 - 23	Manchester, NH
Nov 24 - 25	Manchester, NH
Nov 24 - 25	Watertown, CT

#### 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 3	May 9	Oct 17
Jan 24	Jun 6	Nov 7
Feb 14	Jun 19	Dec 22
Feb 26	Aug 7	
Apr 11	Sep 12	

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

Feb 10 - 14	Manchester, NH
Mar 3 - 7	Watertown, CT
Apr 21 - 25	Manchester, NH
Jun 2 - 6	Manchester, NH
Jul 21 - 25	Watertown, CT
Aug 11 - 15	Manchester, NH
Oct 6 - 10	Watertown, CT
Oct 27 - 31	Manchester, NH
Dec 1 - 5	Manchester, NH

Recertifications (Req. 24 mos.)

Jan 30 - 31	Manchester, NH
Mar 31 - Apr 1	Manchester, NH
May 29 - 30	Manchester, NH
Jun 11 - 12	Watertown, CT
Jun 30 - Jul 1	Manchester, NH
Aug 18 - 19	Manchester, NH
Sep 22 - 23	Manchester, NH
Nov 24 - 25	Manchester, NH
Nov 24 - 25	Watertown, CT

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

Feb 10 - 14	Manchester, NH
Mar 3 - 7	Watertown, CT
Apr 21 - 25	Manchester, NH
Jun 2 - 6	Manchester, NH
Jul 21 - 25	Watertown, CT
Aug 11 - 15	Manchester, NH
Oct 6 - 10	Watertown, CT
Oct 27 - 31	Manchester, NH
Dec 1 - 5	Manchester, NH

Recertifications (Req. 24 mos.)

Jan 30 - 31	Manchester, NH
Mar 31 - Apr 1	Manchester, NH
May 29 - 30	Manchester, NH
Jun 11 - 12	Watertown, CT
Jun 30 - Jul 1	Manchester, NH
Aug 18 - 19	Manchester, NH
Sep 22 - 23	Manchester, NH
Nov 24 - 25	Manchester, NH
Nov 24 - 25	Watertown, CT
Nov 25 - 26	Manchester, NH

### Hand Soldering Certification

Jan 6 - 10	Manchester, NH
Jan 20 - 24	Watertown, CT
Feb 3 - 7	Manchester, NH
Feb 24 - 28	Manchester, NH
Mar 10 - 14	Watertown, CT
Mar 17 - 21	Manchester, NH
Apr 7 - 11	Manchester, NH
Apr 28 - May 2	Manchester, NH
May 12 - 16	Watertown, CT
Jun 9 - 13	Manchester, NH
Jul 7 - 11	Manchester, NH
Jul 28 - Aug 1	Manchester, NH
Aug 18 - 22	Manchester, NH
Sep 15 - 19	Manchester, NH
Sep 15 - 19	Watertown, CT
Sep 29 - Oct 3	Manchester, NH
Oct 20 - 24	Manchester, NH
Nov 10 - 14	Manchester, NH
Nov 17 - 21	Watertown, CT
Dec 15 - 19	Manchester, NH

Recertifications (Req. 24 mos.)

Jan 3	Manchester, NH
Mar 14	Manchester, NH
Mar 26	Watertown, CT
Apr 4	Manchester, NH
May 27	Manchester, NH
Jun 13	Watertown, CT
Jun 18	Manchester, NH
Jul 2	Manchester, NH
Aug 6	Manchester, NH
Oct 1	Watertown, CT
Oct 10	Manchester, NH
Nov 20	Manchester, NH

### Advanced SMT Micro Hand Soldering Certification

Apr 2 - 3	Manchester, NH
Jun 16 - 17	Manchester, NH
Sep 24 - 25	Manchester, NH

### Crimp Terminations Certification

Certification and Recertifications (Req. 24 mos.)

Jan 2	Manchester, NH
Aug 15	Manchester, NH
Dec 29	Manchester, NH

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