



### 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

## 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 8 - 11  | Watertown, CT  |
| Feb 5 - 8   | Manchester, NH |
| Mar 18 - 21 | Watertown, CT  |
| Apr 8 - 11  | Manchester, NH |
| Jun 3 - 6   | Manchester, NH |
| Jun 17 - 20 | Watertown, CT  |
| Aug 12 - 15 | Manchester, NH |
| Sep 16 - 19 | Watertown, CT  |
| Oct 21 - 24 | Manchester, NH |
| Dec 9 - 12  | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 2 - 3   | Manchester, NH |
| Jan 15 - 16 | Watertown, CT  |
| Mar 11 - 12 | Manchester, NH |
| Apr 22 - 23 | Watertown, CT  |
| May 6 - 7   | Manchester, NH |
| Jul 8 - 9   | Manchester, NH |
| Jul 29 - 30 | Watertown, CT  |
| Sep 3 - 4   | Manchester, NH |
| Oct 7 - 8   | Manchester, NH |
| Nov 4 - 5   | Watertown, CT  |
| Nov 11 - 12 | Manchester, NH |

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

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

|             |                |
|-------------|----------------|
| Jan 3 - 5   | Manchester, NH |
| Jan 8 - 10  | Watertown, CT  |
| Jan 22 - 24 | Manchester, NH |
| Feb 12 - 14 | Manchester, NH |
| Mar 4 - 6   | Manchester, NH |
| Mar 18 - 20 | Watertown, CT  |
| Mar 25 - 27 | Manchester, NH |
| Apr 15 - 17 | Manchester, NH |
| May 6 - 8   | Manchester, NH |
| May 28 - 30 | Manchester, NH |
| Jun 17 - 19 | Watertown, CT  |
| Jun 17 - 19 | Manchester, NH |
| Jul 8 - 10  | Manchester, NH |
| Jul 29 - 31 | Manchester, NH |
| Aug 19 - 21 | Manchester, NH |
| Sep 9 - 11  | Manchester, NH |
| Sep 16 - 18 | Watertown, CT  |
| Oct 1 - 3   | Manchester, NH |
| Oct 14 - 16 | Manchester, NH |
| Nov 4 - 6   | Manchester, NH |
| Nov 20 - 22 | Manchester, NH |
| Dec 16 - 18 | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 3 - 5   | Manchester, NH |
| Jan 8 - 10  | Watertown, CT  |
| Jan 22 - 24 | Manchester, NH |
| Feb 12 - 14 | Manchester, NH |
| Mar 4 - 6   | Manchester, NH |
| Mar 18 - 20 | Watertown, CT  |
| Mar 25 - 27 | Manchester, NH |
| Apr 15 - 17 | Manchester, NH |
| May 6 - 8   | Manchester, NH |
| May 28 - 30 | Manchester, NH |
| Jun 17 - 19 | Watertown, CT  |
| Jun 17 - 19 | Manchester, NH |
| Jul 8 - 10  | Manchester, NH |
| Jul 29 - 31 | Manchester, NH |
| Aug 19 - 21 | Manchester, NH |
| Sep 9 - 11  | Manchester, NH |
| Sep 16 - 18 | Watertown, CT  |
| Oct 1 - 3   | Manchester, NH |
| Oct 14 - 16 | Manchester, NH |
| Nov 4 - 6   | Manchester, NH |
| Nov 20 - 22 | Manchester, NH |
| Dec 16 - 18 | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 8 - 11  | Watertown, CT  |
| Feb 5 - 8   | Manchester, NH |
| Mar 18 - 21 | Watertown, CT  |
| Apr 8 - 11  | Manchester, NH |
| Jun 3 - 6   | Manchester, NH |
| Jun 17 - 20 | Watertown, CT  |
| Aug 12 - 15 | Manchester, NH |
| Sep 16 - 19 | Watertown, CT  |
| Oct 21 - 24 | Manchester, NH |
| Dec 9 - 12  | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 2 - 3   | Manchester, NH |
| Jan 15 - 16 | Watertown, CT  |
| Mar 11 - 12 | Manchester, NH |
| Apr 22 - 23 | Watertown, CT  |
| May 6 - 7   | Manchester, NH |
| Jul 8 - 9   | Manchester, NH |
| Jul 29 - 30 | Watertown, CT  |
| Sep 3 - 4   | Manchester, NH |
| Oct 7 - 8   | Manchester, NH |
| Nov 4 - 5   | Watertown, CT  |
| Nov 11 - 12 | Manchester, NH |

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

|        |                |
|--------|----------------|
| Jan 25 | Manchester, NH |
| Feb 15 | Manchester, NH |
| Mar 22 | Watertown, CT  |
| Mar 28 | Manchester, NH |
| Apr 18 | Manchester, NH |
| May 9  | Manchester, NH |
| May 31 | Manchester, NH |
| Jun 20 | Manchester, NH |
| Jun 21 | Watertown, CT  |
| Jul 11 | Manchester, NH |
| Aug 1  | Manchester, NH |
| Aug 22 | Manchester, NH |
| Sep 12 | Manchester, NH |
| Oct 4  | Manchester, NH |
| Oct 17 | Manchester, NH |
| Oct 25 | Manchester, NH |
| Nov 7  | Manchester, NH |
| Dec 13 | Manchester, NH |
| Dec 19 | 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 12 | Apr 12 | Aug 9  |
| Jan 26 | May 10 | Sep 27 |
| Feb 16 | Jun 7  | Oct 11 |
| Mar 1  | Jul 1  | Nov 8  |
|        |        | Nov 22 |



### TRAINING

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- 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

## New England Manchester, NH | Watertown, CT

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

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

|             |                |
|-------------|----------------|
| Jan 22 - 26 | Manchester, NH |
| Feb 12 - 16 | Watertown, CT  |
| Mar 18 - 22 | Manchester, NH |
| May 20 - 24 | Watertown, CT  |
| May 20 - 24 | Manchester, NH |
| Jul 15 - 19 | Manchester, NH |
| Aug 19 - 23 | Watertown, CT  |
| Sep 16 - 20 | Manchester, NH |
| Nov 4 - 8   | Manchester, NH |
| Nov 11 - 15 | Watertown, CT  |

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

|                |                |
|----------------|----------------|
| Jan 4 - 5      | Manchester, NH |
| Jan 17 - 18    | Watertown, CT  |
| Mar 13 - 14    | Manchester, NH |
| Apr 24 - 25    | Watertown, CT  |
| May 8 - 9      | Manchester, NH |
| Jul 10 - 11    | Manchester, NH |
| Jul 31 - Aug 1 | Watertown, CT  |
| Sep 5 - 6      | Manchester, NH |
| Oct 9 - 10     | Manchester, NH |
| Nov 6 - 7      | Watertown, CT  |
| Nov 13 - 14    | Manchester, NH |

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

|        |                |
|--------|----------------|
| Jan 29 | Watertown, CT  |
| Mar 8  | Manchester, NH |
| Apr 26 | Watertown, CT  |
| May 1  | Manchester, NH |
| May 10 | Manchester, NH |
| Jul 12 | Manchester, NH |
| Aug 2  | Watertown, CT  |
| Sep 30 | Manchester, NH |
| Nov 15 | Manchester, NH |
| Dec 23 | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 8 - 12  | Manchester, NH |
| Feb 12 - 16 | Watertown, CT  |
| Feb 19 - 23 | Manchester, NH |
| Mar 25 - 29 | Manchester, NH |
| Apr 15 - 19 | Manchester, NH |
| May 13 - 17 | Manchester, NH |
| May 20 - 24 | Watertown, CT  |
| Jun 24 - 28 | Manchester, NH |
| Jul 22 - 26 | Manchester, NH |
| Aug 19 - 23 | Watertown, CT  |
| Aug 26 - 30 | Manchester, NH |
| Sep 23 - 27 | Manchester, NH |
| Oct 14 - 18 | Manchester, NH |
| Nov 11 - 15 | Watertown, CT  |
| Nov 18 - 22 | Manchester, NH |
| Dec 9 - 13  | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 8 - 12  | Manchester, NH |
| Feb 12 - 16 | Watertown, CT  |
| Feb 19 - 23 | Manchester, NH |
| Mar 25 - 29 | Manchester, NH |
| Apr 15 - 19 | Manchester, NH |
| May 13 - 17 | Manchester, NH |
| May 20 - 24 | Watertown, CT  |
| Jun 24 - 28 | Manchester, NH |
| Jul 22 - 26 | Manchester, NH |
| Aug 19 - 23 | Watertown, CT  |
| Aug 26 - 30 | Manchester, NH |
| Sep 23 - 27 | Manchester, NH |
| Oct 14 - 18 | Manchester, NH |
| Nov 11 - 15 | Watertown, CT  |
| Nov 18 - 22 | Manchester, NH |
| Dec 9 - 13  | Manchester, NH |

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

|        |                |
|--------|----------------|
| Jan 19 | Watertown, CT  |
| Jan 29 | Manchester, NH |
| Mar 8  | Manchester, NH |
| Apr 26 | Watertown, CT  |
| May 1  | Manchester, NH |
| May 10 | Manchester, NH |
| Jul 12 | Manchester, NH |
| Aug 2  | Watertown, CT  |
| Sep 30 | Manchester, NH |
| Nov 15 | Manchester, NH |
| Dec 23 | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 22 - 26 | Manchester, NH |
| Feb 12 - 16 | Watertown, CT  |
| Mar 18 - 22 | Manchester, NH |
| May 20 - 24 | Watertown, CT  |
| May 20 - 24 | Manchester, NH |
| Jul 15 - 19 | Manchester, NH |
| Aug 19 - 23 | Watertown, CT  |
| Sep 16 - 20 | Manchester, NH |
| Nov 4 - 8   | Manchester, NH |
| Nov 11 - 15 | Watertown, CT  |

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

|                |                |
|----------------|----------------|
| Jan 4 - 5      | Manchester, NH |
| Jan 17 - 18    | Watertown, CT  |
| Mar 13 - 14    | Manchester, NH |
| Apr 24 - 25    | Watertown, CT  |
| May 8 - 9      | Manchester, NH |
| Jul 10 - 11    | Manchester, NH |
| Jul 31 - Aug 1 | Watertown, CT  |
| Sep 5 - 6      | Manchester, NH |
| Oct 9 - 10     | Manchester, NH |
| Nov 6 - 7      | Watertown, CT  |
| Nov 13 - 14    | Manchester, NH |

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

|        |                |
|--------|----------------|
| Jan 19 | Watertown, CT  |
| Jan 29 | Manchester, NH |
| Mar 8  | Manchester, NH |
| Apr 26 | Watertown, CT  |
| May 1  | Manchester, NH |
| May 10 | Manchester, NH |
| Jul 12 | Manchester, NH |
| Aug 2  | Watertown, CT  |
| Sep 30 | Manchester, NH |
| Nov 15 | Manchester, NH |
| Dec 23 | 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 12 | Jul 1  |
| Jan 26 | Aug 9  |
| Feb 16 | Sep 27 |
| Mar 1  | Oct 11 |
| Apr 12 | Nov 8  |
| May 10 | Nov 22 |
| Jun 7  |        |

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



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- Expert Training in the Latest Technologies
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### PCB TECHNOLOGY

#### Quality & Inspection

- IPC-A-610 Instructor & Operator Certification

#### Soldering & Assembly

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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

## New England Manchester, NH | Watertown, CT

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

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

|             |                |
|-------------|----------------|
| Jan 15 - 18 | Manchester, NH |
| Jan 22 - 25 | Watertown, CT  |
| Mar 4 - 7   | Manchester, NH |
| Apr 15 - 18 | Watertown, CT  |
| May 20 - 23 | Manchester, NH |
| Jul 22 - 25 | Watertown, CT  |
| Jul 22 - 25 | Manchester, NH |
| Sep 3 - 6   | Manchester, NH |
| Oct 21 - 24 | Watertown, CT  |
| Dec 16 - 19 | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Feb 26 - 27 | Manchester, NH |
| May 2 - 3   | Manchester, NH |
| Aug 22 - 23 | Manchester, NH |
| Nov 18 - 19 | Manchester, NH |

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

|                |                |
|----------------|----------------|
| Jan 8 - 11     | Manchester, NH |
| Jan 22 - 25    | Watertown, CT  |
| Jan 29 - Feb 1 | Manchester, NH |
| Feb 19 - 22    | Manchester, NH |
| Mar 11 - 14    | Manchester, NH |
| Apr 1 - 4      | Manchester, NH |
| Apr 15 - 18    | Watertown, CT  |
| Apr 22 - 25    | Manchester, NH |
| May 13 - 16    | Manchester, NH |
| Jun 3 - 6      | Manchester, NH |
| Jun 24 - 27    | Manchester, NH |
| Jul 15 - 18    | Manchester, NH |
| Jul 22 - 25    | Watertown, CT  |
| Aug 5 - 8      | Manchester, NH |
| Aug 26 - 29    | Manchester, NH |
| Sep 16 - 19    | Manchester, NH |
| Oct 7 - 10     | Manchester, NH |
| Oct 21 - 24    | Watertown, CT  |
| Oct 28 - 31    | Manchester, NH |
| Nov 11 - 14    | Manchester, NH |
| Dec 2 - 5      | Manchester, NH |

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

|                |                |
|----------------|----------------|
| Jan 8 - 11     | Manchester, NH |
| Jan 22 - 25    | Watertown, CT  |
| Jan 29 - Feb 1 | Manchester, NH |
| Feb 19 - 22    | Manchester, NH |
| Mar 11 - 14    | Manchester, NH |
| Apr 1 - 4      | Manchester, NH |
| Apr 15 - 18    | Watertown, CT  |
| Apr 22 - 25    | Manchester, NH |
| May 13 - 16    | Manchester, NH |
| Jun 3 - 6      | Manchester, NH |
| Jun 24 - 27    | Manchester, NH |
| Jul 15 - 18    | Manchester, NH |
| Jul 22 - 25    | Watertown, CT  |
| Aug 5 - 8      | Manchester, NH |
| Aug 26 - 29    | Manchester, NH |
| Sep 16 - 19    | Manchester, NH |
| Oct 7 - 10     | Manchester, NH |
| Oct 21 - 24    | Watertown, CT  |
| Oct 28 - 31    | Manchester, NH |
| Nov 11 - 14    | Manchester, NH |
| Dec 2 - 5      | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 15 - 18 | Manchester, NH |
| Jan 22 - 25 | Watertown, CT  |
| Mar 4 - 7   | Manchester, NH |
| Apr 15 - 18 | Watertown, CT  |
| May 20 - 23 | Manchester, NH |
| Jul 22 - 25 | Watertown, CT  |
| Jul 22 - 25 | Manchester, NH |
| Sep 3 - 6   | Manchester, NH |
| Oct 21 - 24 | Watertown, CT  |
| Dec 16 - 19 | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Feb 26 - 27 | Manchester, NH |
| May 2 - 3   | Manchester, NH |
| Aug 22 - 23 | Manchester, NH |
| Nov 18 - 19 | Manchester, NH |

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

|        |                |
|--------|----------------|
| Feb 2  | Manchester, NH |
| Feb 23 | Manchester, NH |
| Mar 15 | Manchester, NH |
| Apr 5  | Manchester, NH |
| Apr 19 | Watertown, CT  |
| Apr 26 | Manchester, NH |
| May 17 | Manchester, NH |
| May 24 | Manchester, NH |
| Jun 7  | Manchester, NH |
| Jun 28 | Manchester, NH |
| Jul 19 | Manchester, NH |
| Jul 26 | Manchester, NH |
| Aug 9  | Manchester, NH |
| Aug 30 | Manchester, NH |
| Sep 20 | Manchester, NH |
| Oct 11 | Manchester, NH |
| Oct 25 | Watertown, CT  |
| Nov 1  | Manchester, NH |
| Nov 15 | Manchester, NH |
| Dec 6  | Manchester, NH |
| Dec 20 | 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 12 | Jul 1  |
| Jan 26 | Aug 9  |
| Feb 16 | Sep 27 |
| Mar 1  | Oct 11 |
| Apr 12 | Nov 8  |
| May 10 | Nov 22 |
| Jun 7  |        |

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

|             |                |
|-------------|----------------|
| Jun 10 - 12 | Manchester, NH |
| Dec 3 - 5   | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jun 10 - 12 | Manchester, NH |
| Dec 3 - 5   | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jun 10 - 12 | Manchester, NH |
| Dec 3 - 5   | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jun 10 - 12 | Manchester, NH |
| Dec 3 - 5   | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jun 10 - 12 | Manchester, NH |
| Dec 3 - 5   | 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 12 | Jul 1  |
| Jan 26 | Aug 9  |
| Feb 16 | Sep 27 |
| Mar 1  | Oct 11 |
| Apr 12 | Nov 8  |
| May 10 | Nov 22 |
| Jun 7  |        |

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- 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.

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

|                |                |
|----------------|----------------|
| Feb 12 - 16    | Manchester, NH |
| Mar 4 - 8      | Watertown, CT  |
| Apr 22 - 26    | Manchester, NH |
| Jun 3 - 7      | Manchester, NH |
| Aug 12 - 16    | Manchester, NH |
| Oct 7 - 11     | Watertown, CT  |
| Oct 28 - Nov 1 | Manchester, NH |
| Dec 2 - 6      | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 30 - 31 | Manchester, NH |
| Mar 7 - 8   | Manchester, NH |
| Apr 1 - 2   | Manchester, NH |
| May 30 - 31 | Manchester, NH |
| Jun 11 - 12 | Watertown, CT  |
| Jul 1 - 2   | Manchester, NH |
| Aug 19 - 20 | Manchester, NH |
| Sep 23 - 24 | Manchester, NH |
| Oct 2 - 3   | Manchester, NH |
| Nov 25 - 26 | Watertown, CT  |
| Nov 25 - 26 | Manchester, NH |

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

|                |                |
|----------------|----------------|
| Feb 12 - 16    | Manchester, NH |
| Mar 4 - 8      | Watertown, CT  |
| Apr 22 - 26    | Manchester, NH |
| Jun 3 - 7      | Manchester, NH |
| Aug 12 - 16    | Manchester, NH |
| Oct 7 - 11     | Watertown, CT  |
| Oct 28 - Nov 1 | Manchester, NH |
| Dec 2 - 6      | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 30 - 31 | Manchester, NH |
| Mar 7 - 8   | Manchester, NH |
| Apr 1 - 2   | Manchester, NH |
| May 30 - 31 | Manchester, NH |
| Jun 11 - 12 | Watertown, CT  |
| Jul 1 - 2   | Manchester, NH |
| Aug 19 - 20 | Manchester, NH |
| Sep 23 - 24 | Manchester, NH |
| Oct 2 - 3   | Manchester, NH |
| Nov 25 - 26 | Watertown, CT  |
| Nov 25 - 26 | Manchester, NH |

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

|                |                |
|----------------|----------------|
| Feb 12 - 16    | Manchester, NH |
| Mar 4 - 8      | Watertown, CT  |
| Apr 22 - 26    | Manchester, NH |
| Jun 3 - 7      | Manchester, NH |
| Aug 12 - 16    | Manchester, NH |
| Oct 7 - 11     | Watertown, CT  |
| Oct 28 - Nov 1 | Manchester, NH |
| Dec 2 - 6      | Manchester, NH |

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

|             |                |
|-------------|----------------|
| Jan 30 - 31 | Manchester, NH |
| Mar 7 - 8   | Manchester, NH |
| Apr 1 - 2   | Manchester, NH |
| May 30 - 31 | Manchester, NH |
| Jun 11 - 12 | Watertown, CT  |
| Jul 1 - 2   | Manchester, NH |
| Aug 19 - 20 | Manchester, NH |
| Sep 23 - 24 | Manchester, NH |
| Oct 2 - 3   | Manchester, NH |
| Nov 25 - 26 | Watertown, CT  |
| Nov 25 - 26 | Manchester, NH |

### Hand Soldering Certification

|                |                |
|----------------|----------------|
| Jan 15 - 19    | Manchester, NH |
| Feb 5 - 9      | Manchester, NH |
| Feb 26 - Mar 1 | Manchester, NH |
| Mar 18 - 22    | Manchester, NH |
| Mar 25 - 29    | Watertown, CT  |
| Apr 8 - 12     | Manchester, NH |
| Apr 29 - May 3 | Manchester, NH |
| Jun 10 - 14    | Manchester, NH |
| Jun 24 - 28    | Watertown, CT  |
| Jul 8 - 12     | Manchester, NH |
| Jul 29 - Aug 2 | Manchester, NH |
| Aug 19 - 23    | Manchester, NH |
| Sep 9 - 13     | Manchester, NH |
| Sep 23 - 27    | Watertown, CT  |
| Sep 30 - Oct 4 | Manchester, NH |
| Oct 21 - 25    | Manchester, NH |
| Nov 11 - 15    | Manchester, NH |
| Dec 9 - 13     | Watertown, CT  |
| Dec 16 - 20    | Manchester, NH |

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

|        |                |
|--------|----------------|
| Jan 2  | Manchester, NH |
| Feb 2  | Manchester, NH |
| Mar 15 | Manchester, NH |
| Apr 5  | Manchester, NH |
| May 28 | Manchester, NH |
| Jun 19 | Manchester, NH |
| Jul 3  | Manchester, NH |
| Aug 21 | Manchester, NH |
| Sep 20 | Watertown, CT  |
| Oct 18 | Manchester, NH |
| Nov 8  | Watertown, CT  |
| Nov 21 | Manchester, NH |

### Advanced SMT Micro Hand Soldering Certification

|             |                |
|-------------|----------------|
| Apr 3 - 4   | Manchester, NH |
| Jun 17 - 18 | Manchester, NH |
| Oct 24 - 25 | Manchester, NH |

### Crimp Terminations Certification

|        |                |
|--------|----------------|
| Aug 16 | Manchester, NH |
| Dec 30 | Manchester, NH |

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

|        |                |
|--------|----------------|
| Aug 16 | Manchester, NH |
| Dec 30 | Manchester, NH |

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