

# **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

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.

# Hand Soldering Certification J-STD-001 "Requirements for Soldered Electrical & Electronic Assemblies"

Introduces the basics of soldering, terms & definitions and equipment familiarization. Wires and Terminals, and Through-Hole Soldering and Rework is taught through hands-on construction and inspection of two Through-Hole boards. Students learn the accept/reject criteria for Surface Mount Assembly and Rework first hand through the construction, inspection and rework of a surface mount board. Lead and Lead-free included.

# and Coldering Certifica

<b>Hand Sol</b>	de	ring	Certif
Jan 6 - 10		_	
Jan 6 - 10			
Jan 13 - 17		Palm Ba	ay, FL
Jan 20 - 24		Seattle,	WA
Jan 20 - 24		Waterto	own, CT
Jan 27 - 31		Schaun	nburg, IL
Jan 27 - 31		Syracus	e, NY
Feb 3 - 7		Minnea	apolis, MN
Feb 3 - 7		Manch	ester, NH
Feb 3 - 7		Buffalo	, NY
Feb 10 - 14		Bingha	mton, NY
Feb 10 - 14			
Feb 24 - 28		San Jos	e, CA
Feb 24 - 28		Ioronto	, ON
Feb 24 - 28		Manch	ester, NH
Mar 3 - 7		San Die	go, CA
Mar 3 - 7		Atlanta	, GA
Mar 3 - 7		Long IS	iand, ivy
Mar 10 - 14 . Mar 10 - 14 .		Seattle,	VVA
Mar 10 - 14 .		3011du11	iburg, iL
Mar 17 - 21 .		Can loc	ο CΛ
Mar 17 - 21 .		Toronto	ON
Mar 17 - 21 .		Roches	ter NY
Mar 17 - 21 .			
Mar 24 - 28 .		Anahei	m, CA
Mar 24 - 28 .		Portlan	d, OR
Mar 31 - Apr			
Apr 7 - 11		Manch	ester, NH
Apr 7 - 11		Kansas	City, MO
Apr 7 - 11 Apr 14 - 18 .		Schaun	nburg, IL
Apr 14 - 18 .		Syracus	e, NY
Apr 21 - 25 .		Minnea	polis, MN
Apr 28 - May Apr 28 - May	2.	San Jos	e, CA
Apr 28 - May	۷. ۲	Manch	gii, rA
May 12 - 16.			
May 12 - 16.			
May 12 - 16.			
May 12 - 16.		Seattle,	WA
May 12 - 16.		Waterto	own, CT
May 12 - 16.		Philade	lphia, PA
May 19 - 23 .		San Die	go, CA
May 19 - 23.		Schaun	nburg, IL
Jun 2 - 6		Toronto	, ON
Jun 2 - 6			
Jun 2 - 6			
Jun 9 - 13		Manch	ester, NH
Jun 9 - 13		Schaun Mainn	nourg, IL
Jun 16 - 20		Manch	octor NILI
Jul 7 - 11 Jul 7 - 11		Seattle,	ωνα, ΙΝΗ ΜΔ
Jul 7 - 11		San Die	ao. CA
Jul 14 - 18			
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Jul 14 - 18 . . . . Pittsburgh, PA

Jul 14 - 18 . . . . . San Jose, CA

Jul 21 - 25 . . . . Anaheim, CA

#### **Hand Soldering Recertification**

Jan 3 San Jose, CA	Jun 13 San Diego, CA
Jan 3 Manchester, NH	Jun 18 Manchester, NH
Jan 10 San Diego, CA	Jun 19 Schaumburg, IL
Jan 24 Schaumburg, IL	Jul 2 Manchester, NH
Jan 24 Kansas City, MO	Jul 4 Toronto, ON
Feb 14 Rochester, NY	Jul 23 Minneapolis, MN
Feb 21 Seattle, WA	Jul 25 Rochester, NY
Mar 10 San Diego, CA	Aug 6 Manchester, NH
Mar 14 Manchester, NH	Sep 5 Minneapolis, MN
Mar 26 Minneapolis, MN	Sep 5 San Jose, CA
Mar 26 Watertown, CT	Oct 1 Toronto, ON
Mar 27 Schaumburg, IL	Oct 1 Watertown, CT
Mar 28 San Jose, CA	Oct 10 San Diego, CA
Apr 4 Manchester, NH	Oct 10 Manchester, NH
Apr 28 Anaheim, CA	Oct 17 Schaumburg, IL
May 23 Toronto, ON	Oct 24 Seattle, WA
May 27 Manchester, NH	Nov 21 Manchester, NH
May 30 San Jose, CA	Dec 12 Kansas City, MO
Jun 13 Watertown, CT	