

**IPC J-STD-001F Certified IPC Trainer (CIT) Course**  
**Overview & Schedule**

Hour	Day 1	Day 2	Day 3	Day 4	Day 5
1	S.1 Introductions/Course Overview/Policy and Procedures	S.7 Progress Check & Review 1-6	S.12 Progress Check & Review 8-11	S.16 Progress Check & Review 15	S22 Progress Check & Review 19-21
					S23 Instructor Basics
2	S.1 Continued	S.8 Wire & Terminal Assembly/Soldering Requirements	S.13 TH Demo	S.17 SMT Demo	S.24 Comprehensive Review
	S.2 General Requirements of J-STD-001F/Applicable Documents		S.14 T-H Lab	S.18 SMT Lab	
3 S.2	Continued	S.8 Continued	S.14 Continued	S.18 Continued S.25	Testing
		S.9 Wire & Terminal Demo			
4	S.3 Materials, Components & Equipment Requirements	S.10 Wire/Terminal Lab	S.14 Continued	S.18 Continued	S.25 Continued
<b>Lunch Break</b>					
5	S.4 General Soldering & Assembly Requirements	S.10 Continued	S.14 Continued	S.18 Continued	S.25 Continued
6	S.4 Continued	S.10 Continued	S.15 Surface Mounting of Components	S.19 Coating and Encapsulation	S.25 Continued
7	S.5 PCB Requirements	S.11 Through-Hole Mounting and Terminations	S.15 Continued	S.20 Rework & Repair	S.26 Administration of the CIS J-STD001F Program
	S.6 Cleaning Process Requirements			S.21 Product Assurance	Graduation
8	Optional Study Time	Optional Make-up Lab	Optional Make-up Lab	Optional Make-up Lab	Optional Make-up Lab

**IPC J-STD-001F Certified IPC Trainer (CIT) Recertification Course**  
**Overview & Schedule**

<b>Hour</b>	<b>Day 1</b>	<b>Day 2</b>
<b>1</b>	S1 Introductions/Course Overview/Policy and Procedures (1 Hr.)	S8 Testing (3.5 Hrs.)
<b>2</b>	S2 General Requirements of J-STD-001E/Applicable Documents (1 Hr.)	
<b>3</b>	S3 General Soldering & Assembly Requirements (1.0 Hr.)	
<b>4</b>	S4 Wire and Terminal Assembly/Soldering Requirements (1.0 Hr.)	
<b>5</b>	S5 Through-Hole Mounting and Termination Requirements (1.0 Hr.)	S9 Wire/Terminal & Through-Hole/SMT Soldering Demo (0.5 Hr.)
<b>6</b>	S6 Surface Mounting of Components (1.5 Hrs.)	S10 Wires/Terminals & Through-Hole/SMT Soldering Lab (2.5 Hrs.)
<b>7</b>		
	S7 Comprehensive Review (0.5 Hrs.)	S11 Administrative Responsibilities of a CIT (0.5 Hrs.)
<b>8</b>		Optional Lab Make-up Time

**IPC J-STD-001F Certified IPC Application Specialist (CIS) Course**  
**Overview & Schedule**

Module	Hour 1	Hour 2	Hour 3	Hour 4	Lunch	Hour 5	Hour 6	Hour 7	Hour 8
<b>1 Introduction/ Overview of J-STD-001F</b>	Course Overview	General Requirements of J-STD-001 & Applicable Documents	General Requirements of J-STD-001 & Applicable Documents	Materials, Components & Equipment Requirements		General Soldering & Assembly Requirements	Final Exam	Final Exam	
	Safety								
<b>2 Wires &amp; Terminals</b>	Wire & Terminal Assembly & Soldering	Wire & Terminal Assembly & Soldering	Final Exam	Wire & Terminal Demo/Lab		Wire & Terminal Lab	Wire & Terminal Lab	Wire & Terminal Lab	Optional Make-up Lab
<b>3 Through-Hole Technology</b>	Through Hole Mounting & Terminations	Through Hole Mounting & Terminations	Final Exam	Component Prep/Mounting Demo/Lab		PTH Lab	PTH Lab	PTH Lab	Optional Make-up Lab
<b>4 Surface Mount Technology</b>	Surface Mounting of Components	Surface Mounting of Components	Final Exam	SMT Demo/Lab		SMT Lab	SMT Lab	SMT Lab	Optional Make-up Lab
<b>5 Inspection Methodology</b>	Product Assurance	Theory of Inspection/SPC	Final Exam	Inspection Skills Demo/Lab		Inspection Lab	Inspection Lab	Inspection Lab	Optional Make-up Lab

**J-STD-001F Certified IPC Application Specialist (CIS)  
Recertification Schedule**

<b>Module</b>	<b>Hour 1</b>	<b>Hour 2</b>	<b>Hour 3</b>	<b>Hour 4</b>
<b>1 Introduction/IPC Professional Training and Certification Policies and Procedures/J-STD-001F Overview</b>	<b>Introduction/ Policies and Procedures</b>	<b>Overview of J-STD-001E</b>	<b>Review/Final Exam</b>	<b>Final Exam</b>
<b>2 Wires &amp; Terminal Assembly/Soldering</b>	<b>Requirements for soldering Wires/Terminals</b>	<b>Review/Final Exam</b>	<b>Wire/Terminal Lab</b>	<b>Wire/Terminal Lab</b>
<b>3 Through-Hole Mounting and Termination</b>	<b>Requirements for soldering Through-Hole Components</b>	<b>Review/Final Exam</b>	<b>PTH Lab</b>	<b>PTH Lab</b>
<b>4 Surface Mounting of Components</b>	<b>Requirements for soldering Surface Mount Components</b>	<b>Review/Final Exam</b>	<b>SMT Lab</b>	<b>SMT Lab</b>
<b>5 Inspection Skills</b>	<b>Inspection Skills</b>	<b>Inspection Skills</b>	<b>Review/Final Exam</b>	<b>Inspection Lab</b>