

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

(CIS Course Schedule is provided on the next page)

Hour	Day 1	Day 2	Day 3	Day 4	Day 5
1	S.1 Introductions/Course Overview/Policy and Procedures	S.8 Progress Check & Review	S.13 Progress Check & Review	S.17 Progress Check & Review	S23 Progress Check & Review
					S24 Instructor Basics
2	S.1 Continued	S.9 Wire & Terminal Assembly/Soldering Requirements	S.14 TH Demo	S.18 SMT Demo	S.25 Comprehensive Review
	S.2 Safety in Electronic Manufacturing		S.15 T-H Lab	S.19 SMT Lab	
3	S.3 General Requirements of J-STD-001D/Applicable Documents	S.9 Continued	S.15 Continued	S.19 Continued	S.26 Testing
		S.10 Wire & Terminal Demo			
4	S.3 Continued	S.11 Wire/Terminal Lab	S.15 Continued	S.19 Continued	S.26 Continued
	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
5	S.4 Materials, Components & Equipment Requirements	S.11 Continued	S.15 Continued	S.19 Continued	S.26 Continued
6	S.5 General Soldering & Assembly Requirements	S.11 Continued	S.16 Surface Mounting of Components	S.19 Continued	S.26 Continued
7	S.5 Continued	S.11 Continued	S.16 Continued	S.20 Coating and Encapsulation	S.27 Administration of the CIS J-STD001D Program
	S.6 PCB Requirements	S.12 Through-Hole Mounting and Terminations			
8	S.6 Continued	S.12 Continued	S.16 Continued	S.21 Rework & Repair	Graduation
	S.7 Cleaning Process Requirements			S.22 Product Assurance	

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

Hour	Day 1	Day 2
1	S.1 Introductions/Course Overview/Policy and Procedures (1 Hr.)	S7 Testing (4 Hrs.)
2	S.2 General Requirements of J-STD-001D/Applicable Documents (1 Hr.)	
3	S.3 General Soldering & Assembly Requirements (1.5 Hrs.)	
4	S4 Through-Hole Mounting and Termination Requirements (1.5 Hrs.)	
5	S5 Surface Mounting of Components (2 Hrs.)	S8 Through-Hole & SMT Soldering Demo (0.5 Hr.)
6	S6 Comprehensive Review (1 Hr.)	S9 Through-Hole & SMT Soldering Lab (3 Hrs.)
7		
8		S10 Administrative Responsibilities of a CIT (0.5 Hr.)

**IPC J-STD-001D 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
1 Introduction/ Overview of J-STD-001D	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	General Soldering & Assembly Requirements	Final Exam	Final Exam
	Safety								
2 Wires & Terminals	Wire & Terminal Assembly & Soldering	Wire & Terminal Assembly & Soldering	Wire & Terminal Demo/Lab	Wire & Terminal Lab		Wire & Terminal Lab	Wire & Terminal Lab	Wire & Terminal Lab	Final Exam
3 Through-Hole Technology	Through Hole Mounting & Terminations	Through Hole Mounting & Terminations	Component Prep/Mounting Demo/Lab	PTH Lab		PTH Lab	PTH Lab	PTH Lab	Final Exam
4 Surface Mount Technology	Surface Mounting of Components	Surface Mounting of Components	SMT Demo/Lab	SMT Lab		SMT Lab	SMT Lab	SMT Lab	Final Exam
5 Inspection Methodology	Product Assurance	Theory of Inspection/SPC	Inspection Skills Demo/Lab	Inspection Lab		Inspection Lab	Inspection Lab	Inspection Lab	Final Exam