

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

Hour	Day 1	Day 2	Day 3	Day 4	Day 5
1	Introductions/Course Overview/Policy and Procedures	S.6 Wire & Terminal Assembly/Soldering Requirements	S.9 TH Demo/lab	S.11 SMT Demo/Lab	S14 Instructor Basics
2	Continued	S.6 Continued	S.9 TH Lab	S.11 SMT Demo/Lab	Comprehensive Review
	S1 General Requirements	S.7 Wire & Terminal Demo			
3	Continued	S.7 Wire/Terminal Lab	S.9 TH Lab	S.11 SMT Demo/Lab	Testing
4	S.2 Materials, Components & Equipment Requirements	S.7 Wire/Terminal Lab	S.9 TH Lab	S.11 SMT Demo/Lab	Testing
Lunch Break					
5	S.3 General Soldering & Assembly Requirements	S.7 Wire/Terminal Lab	S.9 TH Lab	S.11 SMT Demo/Lab	Testing
6	S.4 Continued	S.7 Wire/Terminal Lab	S.10 Surface Mounting of Components	S.12 Coating and Encapsulation	Testing
7	S.4 PCB Requirements	S.8 Through-Hole Mounting and Terminations	S.10 Continued	S.13 Product Assurance/ Rework & Repair	Administration of the CIS J-STD001F Program
	S.5 Cleaning Process Requirements				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**

Hour	Day 1	Day 2
1	Introductions/Course Overview/Policy and Procedures (1 Hr.)	Testing (3.5 Hrs.)
2	S1 General Requirements of J-STD-001F/Applicable Documents (1 Hr.)	
3	S2 General Soldering & Assembly Requirements (1.0 Hr.)	
4	S3 Wire and Terminal Assembly/Soldering Requirements (1.0 Hr.)	
5	S4 Through-Hole Mounting and Termination Requirements (1.0 Hr.)	Wire/Terminal & Through-Hole/SMT Soldering Demo (0.5 Hr.)
6	S5 Surface Mounting of Components (1.5 Hrs.)	Wires/Terminals & Through-Hole/SMT Soldering Lab (2.5 Hrs.)
7		
	Comprehensive Review (0.5 Hrs.)	Administrative Responsibilities of a CIT (0.5 Hrs.)
8		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
1 Introduction, P&P, Basic Requirements	Introduction, P&P	Basic Requirements of J-STD-001 & Applicable Documents	Basic Requirements of J-STD-001 & Applicable Documents	Materials, Components & Equipment Requirements		General Soldering & Assembly Requirements	Final Exam	Final Exam	
2 Wires & Terminals	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
3 Through-Hole Technology	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
4 Surface Mount Technology	Surface Mounting of Components	Surface Mounting of Components	Final Exam	SMT Demo/Lab		SMT Lab	SMT Lab	SMT Lab	Optional Make-up Lab
5 Inspection Methodology	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**

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