

IPC J-STD-001E 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.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-001E/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
Lunch Break					
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-STD001E 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-001E 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-001E	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								
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