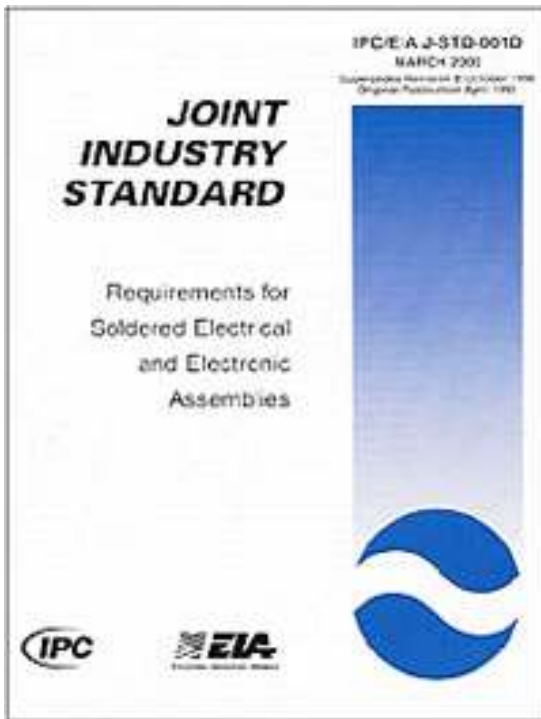


J-STD-001D Training and Certification Program Certified IPC Specialist (CIS) Course Syllabus

J-STD-001D is world-recognized as the sole industry-consensus standard covering soldering materials and processes. This revision includes support for lead free manufacturing, methods and verification for producing quality soldered interconnections and assemblies. The requirements for class I, II and III are included.



- **MODULE 1:** Introduction/IPC Professional Policies and Procedures and Overview of J-STD-001
- **MODULE 2:** Wire and Terminals
- **MODULE 3:** Through Hole Technology
- **MODULE 4:** Surface Mount Technology
- **MODULE 5:** Inspection Methodology
- **MODULE 6:** OPTIONAL – Aerospace addendum

Course Objective and Benefits: By completing this program, the successful graduate will improve his or her manufacturing skills, and will offer a higher level of capability of workmanship criteria for printed circuit board assemblies and hardware critical to the quality objectives of your organization.

The successful graduate will have passed a rigorous open and closed book course assessment exam, and a practical exam pertinent to sections of the **J-STD-001D** relevant to their course of study. Whether completing the entire course, or individual modules, the graduate will receive a comprehensive education in the required course material.

Who should take this course?

Rework technicians, soldering operators, inspectors, engineers and managers who wish to extend their knowledge, comprehension and require a proper interpretation of the **J-STD-001D**.