

IPC 7711/7721 CIS/Operator

Certification, Recertification and Challenge Test



ISO 9001:2008
CERTIFIED

Overview

Participants experience an intense, hands-on printed circuit board rework and repair lab coupled with a review of all the applicable procedures outlined in the IPC 7711/7721B specification. Utilizing the industry's latest tools, materials and technology, students will perform a variety of IPC 7711 through-hole and surface mount component rework and inspection processes. Additionally, students will demonstrate advanced proficiency in IPC 7721 repair and restoration of damaged printed circuit board assemblies. An industry recognized IPC certificate, which is valid for two years, is issued upon successful completion of the course.

Content

Students will demonstrate a variety of rework techniques, use various tips and tools as well as soldering hand pieces using lead-free solder. Companies can select training in the following modules:

- Module 1: General Requirements (prerequisite for all other modules)
- Module 2: Wire Splicing
- Module 3: Through-Hole Components Rework
- Module 4: Chip and MELF Rework
- Module 5: SOIC and SOT Rework
- Module 6: J-Lead and Gull Wing Rework
- Module 7: PWB Circuit Repair
- Module 8: Laminate Repair
- Module 9: Conformal Coating

IPC 7711/7721 CIS SMT Rework and PCB Repair Modules 1, 4-85 days

This combination of modules will teach students surface mount rework and circuit and laminate repair.

IPC 7711/7721 CIS Rework of Electronic Assemblies Modules 1, 3-64 days

This course is ideal for companies using mixed technologies. Operators will learn how to perform rework techniques on through-hole and surface mount devices.

IPC 7711/7721 CIS Repair and Modification of PCBs Modules 1, 7-9.....3 days

Operators will learn how to perform the tedious tasks of replacing circuitry and through-holes, repairing laminate damage and removal of conformal coating of assemblies.

IPC 7711/7721 CIS SMT Rework Modules 1, 4-63 days

Operators will be taught the most commonly used SMD rework. The focus of this course is chip, gull and J-leaded devices.

IPC 7711/7721 CIS Circuit Repair Modules 1, 2 and 72 days

This course teaches the art of replacing and adding of circuitry to PWBs. Operators will learn how to replace or add traces and through-hole circuitry, and how to install jumper wires.

Duration, Registration and Pricing

Durations for various configurations are listed above. Contact the training center via any of the methods provided below for pricing.



ACI Technologies, Inc. • phone: 610.362.1200 • web: www.aciusa.org
Training Center • phone: 610.362.1295 • email: registrar@aciusa.org
Helpline • phone: 610.362.1320 • email: helpline@aciusa.org