

IPC 7711/7721 CIT/Instructor

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.

Who Should Attend

Candidates include technical trainers, soldering technicians, QA and manufacturing personnel who process and/or instruct on the rework, repair and modification of electronic assemblies. The ideal candidate should possess above average soldering, rework/repair skills and sound reasoning abilities.

Content

Students will learn and demonstrate in a lab setting, the procedures and processes for rework, repair and restoration techniques for the following:

- Chip and MELF
- Conformal Coating
- J-Lead and QFP
- Laminate Repair
- PWB Circuit Repair
- SOIC/SOT
- Through-Hole
- Wire Splicing

Students will be required to perform workmanship inspection of PCB assemblies to the acceptance criteria of IPC A-610, Acceptability of Electronic Assemblies. Students must score a minimum of 80% on a written exam.

Benefits

Upon successful completion, students will receive the following materials:

- CD-ROM containing course visuals for each module and all printable forms required for CIS certification training
- Certified IPC Specialist Training Instructor Guide
- Certified IPC Trainer Certificate, valid for two years
- Latest revision of IPC 7711/7721B Rework of Electronic Assemblies Specification/Repair and Modification of Printed Boards and Electronic Assemblies
- Set of 12 Certified IPC Specialist Open Book Exams

Duration, Registration and Pricing

Contact the training center via any of the methods provided below for pricing.

- Certification5 days
- Recertification2 days
- Challenge Test1 day

