

IPC-7711/7721 CIT/Instructor

Certification, Recertification and Challenge Test



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-7711/7721 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-7711/7721 Rework of Electronic Assemblies Specification/Repair and Modification of Printed Boards and Electronic Assemblies

Duration, Registration and Pricing

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

- Certification5 days
- Recertification2 days
- Challenge Test1 day

