

Basic Soldering & Through-hole Technology

(Axial, Radial and Wires)



This 3 day training is designed for Technicians with experience
One more day is recommended for less experienced employees.



Contents:

- The Prevention of Electrostatic Discharge (ESD)
- Soldering and Desoldering Techniques
- Different alloys with Lead and Lead Free (RoHS)
- Different Fluxes and their uses and cleaning process
- Different Soldering irons and their characteristics
- The proper Tip to be used depending of the Thermal Mass.
- The Standards IPC-A-610 & ANSI-J-STD-001
- Preparation of wires
- Soldering to Turret, Cup, Hook and Pierced Terminals
- Preparation and Soldering of Axial and Radial components
- Soldering Dual Inline Package (DIP)
- Modifications & Repair with Jumper wires
- Inspection according to Standards IPC -610

It is possible to integrate:

- Component Identification, Polarity and components coding.

At the end of the Training the students will receive:

- ✓ A training Handbook
- ✓ The Circuit assembled during the training
- ✓ A Certificate of our Company

The Training will be conducted by highly skilled IPC Certified instructors
(A-610, ANSI-J-STD-001, IPC 7711/7721)

- We provide hand tools, solder station and microscope for each workbench
- Circuits, Components and Handbook are also provided.