Overview

Boot Camp is not just theory and lecture. Receive hands-on experience setting up screen printers, programming and placing components using automated equipment, profiling reflow ovens and wave soldering machines using the latest technology profiling systems, and setting up various types of cleaning processes. Engage in decision-making exercises regarding process options such as flux considerations, cover process control tools, troubleshooting and cause and effect.

Who Should Attend

Engineers, technicians, electronic specialists, sales representatives and managers. Boot Camp is designed to provide electronics manufacturing personnel with two weeks of intense, hands-on training in every aspect of the electronics manufacturing process.

Content

- Bare Board Fabrication
- Cleaning
- Cleanliness Testing
- Component Identification
- Component Insertion and Placement
- Conformal Coating
- Design for Manufacturability
- Dispensing
- ESD Concerns
- Hand Soldering
- Inspection
- Materials
- No-Clean
- Process Control Tools
- Reflow
- Reliability
- Rework
- SPC and DOE
- Solder Paste Application
- Thermal Profiling
- Wave Soldering

Benefits

Participants will acquire an increased knowledge of the various processes, analytical tools, materials, and common test methods used in electronics manufacturing. Industry recognized processes and procedures will be introduced and discussed at Boot Camp. When applied, these processes may assist with decision-making when designing for manufacturability. This course is ideal for design, process and quality engineers, supervisors and senior technicians desiring to increase their knowledge of electronics manufacturing through both classroom discussion and hands-on experience. Design engineers will enhance their ability to design for manufacturing in a real world environment while process engineers will significantly enhance their process and manufacturing skills.

Duration, Registration and Pricing

Contact the training center via any of the methods provided below for this ten-day course.