



Boot Camp - Intensive Electronics Manufacturing Training

Overview

An intense two-week course at the EMPF in Philadelphia, PA, BOOT CAMP is not just theory and lecture. Cadets will 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; setting up various types of cleaning processes and more. The cadets will also be exposed to decision-making exercises regarding process options such as flux considerations, cover process control tools, troubleshooting, and cause and effect.

Who Should Attend

Engineers, technicians, electronics specialists, sales representatives, managers and YOU! BOOT CAMP is designed to provide electronics manufacturing personnel with two weeks of intense hands-on training in every aspect of electronics manufacturing processes.

Course Content

Topics covered are:

- ◆ Design for manufacturability
- ◆ Bare board fabrication
- ◆ Component identification
- ◆ Hand soldering
- ◆ Component insertion and placement
- ◆ Solder paste application
- ◆ Reflow
- ◆ Dispensing
- ◆ Cleaning
- ◆ Wave soldering
- ◆ Inspection
- ◆ Materials
- ◆ Specifications and standards
- ◆ ESD concerns
- ◆ SPC and DOE
- ◆ Rework
- ◆ And much more!

Benefits

Upon successful completion, students will demonstrate a working knowledge of the electronics manufacturing process.

Duration

Ten days

Information & Registration

Contact the EMPF Learning Center at:
phone: (610) 362-1320
email: registrar@empf.org
website: www.empf.org

