

Solder Techniques for Electronic Assemblies

Electronics Manufacturing Skills Training



ISO 9001:2008
CERTIFIED

Overview

The intent of this course is to provide the knowledge and hands-on training necessary to master the basic techniques of soldering for electronic assemblies. Individuals will learn the necessary skills to hand solder reliable electronic assemblies. This course combines classroom lecture with a practical lab to gain hands-on training in basic soldering techniques. An ACI Technologies Certificate will be awarded to all students at the end of the course.

Who Should Attend

This course is geared toward engineers, technicians, and electronic assemblers with limited hand soldering experience or those who want to improve their knowledge and raise their standard of skill.

Content

This course is designed to give the students hands-on soldering experience to enhance and emphasize the lecture material. Topics that will be covered in the course include:

- Safe working procedures in hand soldering
- Solder and the soldering process including lead (Pb) and Pb-free soldering
- Purpose of flux and how to select the proper flux for your application
- Hand soldering equipment: soldering irons, tip selection, and tool maintenance
- Basic soldering techniques
- Solder joint inspection
- Cleaning processes

Benefits

Individuals will learn and practice basic hand soldering techniques that are used in the manufacture of electronic assemblies.

Duration, Registration and Pricing

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



ACI Technologies, Inc. • phone: 610.362.1200 • web: www.aciusa.org
Training Center • phone: 610.362.1295 • email: registrar@empf.org
Helpline • phone: 610.362.1320 • email: helpline@empf.org

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