

# Profiling and Solder Reflow

## Electronics Manufacturing Skills Training



ISO 9001:2008  
CERTIFIED

### Overview

ACI Technologies offers multiple training courses about the business of electronics assembly; this course is intended to provide personnel with the knowledge and skills necessary to set up and operate a reflow process. Upon completion of this class, students will be able to apply their knowledge of reflow soldering techniques by successfully identifying the heat transfer modes and systems for each reflow method covered.

### Who Should Attend

Engineers, technicians, quality assurance personnel and managers can familiarize themselves with the various processes, equipment, analytical tools/materials used in establishing and refining an effective time-temperature profile. This course is ideal for senior technicians, engineers, and supervisors/group leaders desiring to increase their knowledge of electronics manufacturing through both classroom discussion and hands-on experience.

### Content

Discussions will include the following topics:

- Heat Transfer
- Current Reflow Methods
- Processing Atmosphere (and how to use it to your advantage)
- Profile Development (includes hands-on session)
- Board Instrumentation and Profile Refinement (includes hands-on session)

### Benefits

Industry recognized processes and procedures will be introduced and discussed. Participants will acquire an increased knowledge of the various processes, materials, and common set-up methods used in profiling for electronics assembly. The knowledge gained in this course is intended to aid the student in making choices and decisions which will optimize their assembly process and help mitigate problems before they arise.

### Duration, Registration and Pricing

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



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