



Solution Partner

PLM

SIEMENS



Gerber Expert Basic User Course

Course Details:

Audience

The Gerber Expert Basic course is designed for test engineers, programmers, technicians and other personnel responsible for converting Gerber data to a useable format for Test or Assembly machine programming such as a CAD file or Centroid file.

Course Benefits

The Gerber Expert class is designed to show the user how to reverse engineer Gerber layer files for a circuit assembly back into intelligent CAD data.

Pre-Requisite: None

Course Duration: 3 days

Cost:

In-House: \$1,500 (Per Student / Travel Expenses not included)

Onsite: \$4,680 (Max of 5 Students / Instructor's Travel Expenses billed at actual cost)

To Register: Call Jim Peacock at (503) 953-5684
or email: jim@acuityinc.com
(Include company name, your name, phone# and how many students you would like to register for the class.)

Course Agenda: See below

The Basic User course covers the following topics:

Day 1

- Familiarization with the application
 - Navigating the workspace
 - Toolbars
 - Hot keys and LMB/RMB menus
- Job preparation
 - Creating a new job
 - Import wizard
 - Align layers
 - ID layers and sort
 - Delete “garbage data” like targets, layer labels, etc.
 - Auto convert draws to flash
 - Create a “Border” layer (if needed)
 - Convert Gerber drill to NC drill
 - Create Layer Sets for Blind/Buried Vias
- Generate Netlist
 - Modify Net Types
 - Modify Net Names

Day 2

- Reverse Engineering Options
 - IPC-D-356
 - Centroid File
 - Silkscreen
 - Footprint Library
 - Manual Footprint ID
- Manage Pin Numbering
- Import a BOM
- Export BOM/Centroid Info
- Export FatF CAD file

Day 3

- User Labs
 - This day is dedicated to the students taking their data and going thru the whole process that has been discussed on days 1-2.
 - Here they can ask the instructor questions as they go thru the steps on their own as much as possible.