

CA DESIGN
Orcad Capture Training Outline
2 Day

DAY 1

9:00 am to 4:00 pm

TIME	DESCRIPTION
9:00 am to 10:00 am	Introductions Training Course Objectives Overview of Orcad Design Flow Capture's role in EDA Terminology, Definitions & File Types Setting Workspace preferences/Creating Title Blocks
10:00AM-10:15AM	Break
10:15AM-Noon	Building A Schematic <ul style="list-style-type: none">• Starting a New Design• Parts placement• Wire/Bus placement Lab Exercises, time permitting
Noon-1PM	Lunch
1PM-2:30PM	Building A Schematic <ul style="list-style-type: none">• Net aliases• Symbol placement• Using ports and off page connectors Lab Exercises, time permitting
2:30PM-2:40PM	Break
2:40PM-4 PM	Creating parts and symbols <ul style="list-style-type: none">• Terminology• Package type Homogeneous or Heterogeneous• Pin number ALWAYS visible• Pin Types and Attributes Lab Exercises, time permitting

DAY 2

9:00 am to 4:00 pm

TIME	DESCRIPTION
9:00 to 10: 00 am	Processing The Design <ul style="list-style-type: none">• Annotating parts• Design Rule Checking• Updating Design Properties• Creating a netlist• Creating a BOM Lab Exercises, time permitting
10:00 – 10: 15	Break
10:15 am -Noon	Processing The Design <ul style="list-style-type: none">• Adding Intersheet References• Modifying and Adding Properties• Grouping Parts for Layout• Back Annotating• Generating Reports Lab Exercises, time permitting
Noon-1PM	Lunch
1PM-2:30PM	Simple and Complex Designs Annotating & Netlisting Properties of Components and Nets passed to Layout
2:30PM-2:40PM	Break
2:40PM-4PM	Question and Answer