

TRAINING

Bei dem hier beschriebenen Training handelt es sich um ein Cadence Standard Training. Sie erhalten eine Dokumentation in englischer Sprache. Die Trainingssprache ist deutsch, falls nicht anders angekündigt.

Course Title	Allegro PCB Editor SKILL Programming Language v16.01
Course Category	System Interconnect Design – Allegro & OrCAD
Duration	3 Days
Course ID	ES_86099_16.01
Product Version	16.01

Course Description

In the Allegro® Design Entry HDL SKILL® Programming Language course, you learn to write useful commands and functions to customize and extend the functionality of the base Design Entry HDL tool set. The first part of the course introduces you to the core SKILL programming language in the Design Entry HDL tool. In the second and third parts, you use the SKILL programming language to write interactive and batch functions to access and manipulate the Design Entry HDL user interface and database.

Learning Objectives

After completing this course, you will be able to:

- Use the SKILL interpreter in the PCB Editor environment
- Control program flow
- Work with lists
- Access the PCB Editor database
- Interact with the user through the PCB Editor user interface
- Build menus and forms with Allegro PCB Editor SKILL
- Register new PCB Editor commands

Software Used in This Course

- Allegro PCB Design XL or
- Cadence® Advanced Package Designer or
- Cadence SiP Layout

Software Release(s)

- SPB 16.01 or higher)

Course Agenda

Note that this course can be tailored to better meet your needs – [contact the Cadence training staff](#) for specifics.

Day 1

- Summarize SKILL syntax and data types
- Build and manipulate lists
- Create user-defined functions
- Control program flow
- Read and write text files in the operating system

Day 2

- Read data from the Allegro PCB Editor database
- Create new elements in the Allegro PCB Editor database

Day 3

- Request keyboard input from the user
- Request mouse input from the user
- Create forms and menus
- Register new PCB Editor commands

Audience

- This course is for CAD programmers, tool integrators, system administrators, and PCB Editor or APD users who wish to customize the PCB Editor or APD environments.

Prerequisites

You must have:

- A working knowledge of PCB design.
- Some programming experience is helpful, but not required.

Related Courses

- [Allegro Design Entry HDL SKILL Programming Language v16.01](#)
- [Allegro PCB Editor Basic Techniques v16.3](#)