SIEMENS

Course Description

Simcenter Simlab

Structural Simulations for Electronics with Simcenter Simlab

Course Code	ILT110066
Software	Simcenter Simlab 2026
User Level	Intermediate
PricingID	Contact Us
List Price	Contact Us Price may not include taxes applicable to your billing region
Live In-Person Duration	1 Day
Live Online Duration	3 hours each day for 2 Days

This live training focuses on simulation tasks relevant to the electronics industry, combining MCAD and ECAD models in a multiphysics environment.

WHO SHOULD ATTEND

The course is tailored for users in the Electronics domain with little or no prior exposure to simulation modelling, providing a strong foundation in the fundamentals.

PREREQUISITES

WEBNA27

PROVIDED COURSE MATERIALS

- Student Guide
- Activity Material

ATTENDANCE REQUIREMENTS

- A computer with internet access and the installation of the latest version of Simcenter Simlab and appropriate license
- General knowledge of Simcenter Simlab required

PRIMARY COURSE TOPICS

Day 1

- PCB Layers Definition and simplification
- PCB Equivalent Material Creation
- Meshing For Electronics Structural
- PCBA Random Response Analysis
- PCBA Shock Analysis

Day 2

- PCBA Thermomechanical Analysis
- Solder Fatigue Solutions
- Modelling various types of Solders
- Extras: Material Mapping on a PCB

The training agenda may be adjusted to better suit participant needs or reflect updated content. Changes may occur without prior notice.