SIEMENS

Course Description

Simcenter Simlab
CFD with Simcenter Simlab

Course Code	ILT110039
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 provides an introduction to Simcenter Simlab software-CFD and covers a variety of physics starting with turbulent flow, conjugate heat transfer, and radiation modeling.

WHO SHOULD ATTEND

This course is designed for users with little or no prior experience in simulation modeling. It is ideal for students, career changers, or professionals looking to expand their skills in finite element analysis.

PREREQUISITES

WEBNA27

ILT110064,ILT110077

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

- Introduction to CFD
- Simple flow setup
- Steady state conjugate heat transfer
- Transient frozen flow
- Thermal FSI

Day 2

- Steady State, moving reference frame
- Transient, mesh motion
- Radiation and natural convection

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