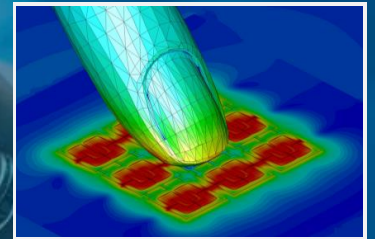


CST STUDIO SUITE - LOW FREQUENCY

SIMULIA COURSE DESCRIPTION



Level: Advanced
Products: CST Studio Suite
Disciplines: Electromagnetics

Audience
 Low Frequency Electromagnetic Simulation Analysts

Why take this course?

This course aims to improve users' experience with the tools in CST Studio Suite dedicated to electromagnetic simulation of low-frequency and static applications. After a short overview of the basic usage of CST Studio Suite, the course focuses on the various available sources and solvers in CST EM Studio.

What will you learn?

This course aims to improve the users' experience with the tools in CST Studio Suite dedicated to electromagnetic simulation of low-frequency and static applications. After a short overview of the basic usage of CST Studio Suite, the course focuses on the various available sources and solvers. Workshop exercises provide an opportunity for hands-on experience with low frequency electromagnetic simulation.

Explore Your Learning Options

Live Sessions	Engage in Real-Time, interactive group workshops guided by experts. Learn and collaborate live in your preferred language and time zone.	Join a live session
On-Demand Learning	Access expert-designed courses anytime, anywhere. Perfect for independent learners looking to build skills on their schedule.	Start Learning Now
Private Training	Exclusive, tailor-made sessions designed to meet your team's unique goals with expert guidance.	Contact Us for Custom Training



Gain hands-on experience and master real-world workflows through guided, practical training sessions.

Model and analyze electromagnetic behavior for advanced design validation and system optimization.

– SIMULIA Training Expert Team

What You Need to Know Before Starting

This course has no prerequisites.

Agenda for Virtual Live Sessions

Participate in hands-on, real-time workshops where you'll gain practical expertise. Here's what you'll cover:

[Join an Instructor Led Session](#)

Day 1

Lesson 1: Introduction

Lesson 2: Basic and Advanced Modeling Techniques

Lesson 3: Solvers Overview

Lesson 4: Source Definition

Lesson 5: Boundaries and Symmetries

Lesson 6: Material Definition

Lesson 7: Meshing Overview

Lesson 8: Result Handling and Postprocessing

Workshop 1: Simulation of a Linear Actuator

Workshop 2: Simulation of an Inductive Sensor

Workshop 3: Simulation of a Capacitive Power Transfer System

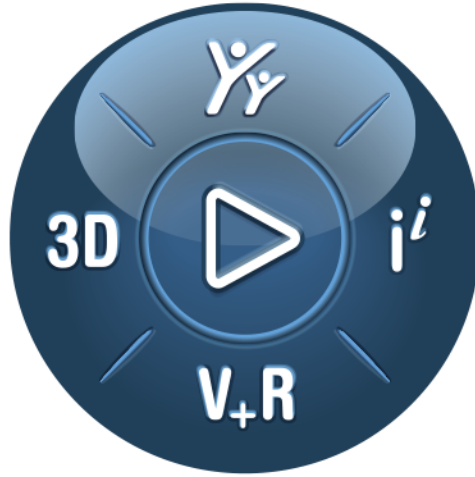
Workshop 4: Machine Task

Want to Learn More?

Expand your knowledge by exploring our [course Catalog](#) and browsing learning paths on [Eduspace](#), our dedicated e-learning platform.

Join the Community!

[Join the SIMULIA community](#) to connect, learn, and stay updated.



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