

Learning Module

CST Studio Suite - Low Frequency

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.

Objectives

Upon completion of the course you will:

- Be able to perform basic functions in terms of modeling, setup of simulation, and analyzing pre- and postprocessing results.
- Get an overview on static and low frequency solvers available in CST EM STUDIO.
- Understand how to set-up and run simulations for different static and low frequency applications.

Knowledge Prerequisites

None.

Language(s) for selected release

English

Brands

Simulia

Available Releases

SIMULIA 2020, SIMULIA 2019

Duration

8 hours

Discipline

CST Studio Suite

Contents

Overview - CST Studio Suite - LFS

- 1 - Introduction
- 2 - Basic and Advanced Modeling Techniques
- 3 - Solver Overview
- 4 - Source Definition
- 5 - Boundaries and Symmetries
- 6 - Material Definition
- 7 - Meshing Overview
- 8 - Result Handling and Postprocessing
- 9 - Workshops