CST Studio Suite – Low Frequency

Course Code	SIM-en-CSTLFS-A-v30R2022
Brand & Release	SIMULIA 2022
Duration	1 day
Level	Advanced
Prerequisites	None.

Objectives:

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 for low frequency electromagnetic simulation.

Class Structure:

Upon completion of this 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

The course is intended for the following Roles:
- Low Frequency Electromagnetic Simulation Analysts

Class Lessons:

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
Lesson 9: Workshops