

Learning Module

CST Studio Suite - EMC/EMI

This course covers the EMC Module providing an overview on how simulation can be applied towards electromagnetic compatibility (EMC) design and analysis for emissions and immunity, conducted and radiated.

Objectives

The EMC Module expands upon the CORE Module basics to provide an overview on how simulation can be applied towards electromagnetic compatibility (EMC) design and analysis. Upon completion, you will understand the different solvers, sources and outputs for EMC simulation, and you will be able to set up simulations for emissions and immunity, shielding effectiveness, 3D EM and circuit co-simulations, and cable modeling.

Knowledge Prerequisites

Introduction to CST Studio Suite.

Language(s) for selected release

English

Contents

Overview - CST Studio Suite - EMC/EMI
1 - Solver Choice for EMC Applications
2 - Meshing Overview
3 - CST Design Studio
4 - Overview of Sources/Outputs for EMC Simulation
5 - EDA Workflow Integration – CST MWS
6 - Introduction to CST Cable Studio
Workshops

Brands

Simulia

Available Releases

SIMULIA 2020, SIMULIA 2019

Duration

8 hours

Discipline

CST Studio Suite