

## Learning Module

# CST Studio Suite - EDA / SI-PI

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This course describes and demonstrates how to use CST for Signal Integrity/high speeds technology. The course will go over some fundamentals of how to set-up and run an electromagnetic simulation - it will take the viewpoint of how to do this for electronics applications and spends a good amount of time on features and tools that are helpful and specific for this area.

### Objectives

Upon completion of the course you will:

- Be able to perform basic functions in terms of modeling, setup of simulation, importing layout boards and analyzing pre- and postprocessing results.
- Get an overview on suitable solvers for specific SI/PI applications.
- Know how to set up and run the solvers and tools for different SI and PI.

### Knowledge Prerequisites

None (basic knowledge of SI, PI and EMC analysis).

### 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 - EDA SI-PI

- 1 - Introduction
- 2 - Solver Overview
- 3 - Circuit Simulation Overview
- 4 - EDA Workflow Integration
- 5 - Modeling Techniques