SOLID EDGE SIMULATION TRAINING

Duration **: 1 Day**

Objectives

The objective of this course is to teach users the basic commands and tools necessary for simulation by using Solid Edge. After completing this course users will be able to:

- ✓ Prepare model for some type of finite element analysis
- ✓ Know how to input boundary conditions
- ✓ Verify the data and correcting errors

Pre-requisites

This guide is designed for new users of Solid Edge 3D Publishing. It is recommended that you have a working knowledge of:

Microsoft® Windows® 7, Microsoft® Windows® 8 or Microsoft® Windows® 10 and Solid Edge Fundamentals

TRAINING PROGRAMME

Chapter 1: Introduction to Simulation

- Spectrum of application for the SE Simulation module
- Study steps, interface and file management
- Studied bodies and meshing
- Common loads, constraints and connectors
- Basic viewing and post-processing tools
- Study options
- Reports
- Advanced meshing
- Idealizing the studied model
- Combined bodies
- Best practices
- Advantage of synchronous modelling

Chapter 2: Simulation Post-Processing

- Advanced Post-processing
- Advanced connectors
- Associated body, simulation geometry and property override
- Frame study
- Thermal study
- Optimization