Workshop: Solid Edge Customization

Duration: 1 day

Version: SE 2023

At Workshop Completion

Students will have learned how to use the basic customization capabilities inside of the Solid Edge 2023. They will be able to customize the various menus, set and control many options in Solid Edge, and manage the Solid Edge settings and preferences. They will also learn how to use the Material Table and how to create custom templates.

Prerequisites

Here are the standard pre-requisites for the training course. Potential students should have or completed the following prior to the class:

- **Completed the Solid Edge Fundamentals class**
- Understanding of Synchronous Technology is recommended but not absolutely necessary.
- Have at least 6-month modeling experience with Solid Edge.
- Mechanical Design Experience
- Windows Experience

Students who lack any of these prerequisites should realize the impact it will have on their learning experience.

Course Content

Course consists of.

- 5 Video Lectures (PowerPoint's to support the instructor's lecture).

- 31 Instructor lead video demonstrations.

- 14 practical activities to reinforce the lessons.

- Solution videos for each activity.

Topics:

Day 1

Module 1: Customizing Solid Edge
- ➢ An overview of customizing Solid Edge
- ➢ Solid Edge themes
- ➢ Customize command
- ➢ Customize the layout of the user interface
- ➢ Customize dialog box
- ➢ Keyboard page (Customize dialog box)
- ➢ Quick Access page (Customize dialog box)
- ➢ Quick Access bar
- ➢ Ribbon page (Customize dialog box)
- ➢ Radial Menu page (Customize dialog box)

Module 2: Solid Edge Options
- ➢ Solid Edge Options
- ➢ Solid Edge Options Common Settings
- ➢ General tab
- ➢ View tab
- ➢ Colors tab
- ➢ File Locations Tab
- ➢ Inter-Part tab
- ➢ Assembly tab
- ➢ Assembly Open As tab
- ➢ Item Numbers tab
- ➢ Flat Pattern Treatments tab
- ➢ Units tab
- ➢ Helpers tab
- ➢ Edge Display tab
- ➢ Drawing Standards tab
- ➢ Drawing View Wizard tab
- ➢ Other tabs
- ➢ Tabs that control Add-ons

Module 3: Solid Edge Material Table
- ➢ Material Table Overview
- ➢ Material Table dialog box
- ➢ Material library property file
- ➢ Face and Fill Styles
- ➢ Create a new material
- ➢ Create a custom material property
- ➢ Managing material libraries
- ➢ Importing and exporting materials
- ➢ Favorites and Recent Materials tab
- ➢ Gage Properties tab
- ➢ Map a gage file and gage table to a material

Module 4: Solid Edge Custom Templates
- ➤ Template: Definition
- ➤ Saving the template
- ➤ Template locations
- ➤ Custom Templates
- ➤ Create a custom Draft Template
  - ➤ Background Sheets – Callouts
  - ➤ Adding and Deleting Background Sheets
  - ➤ Copy Background Sheets from other files
- ➤ QuickSheet Template

Module 5: Managing Settings and Preferences
- ➤ Managing settings and preferences
- ➤ Capture settings and preferences
- ➤ Deploy settings and preferences
- ➤ Restore Solid Edge settings and preferences
- ➤ Manage settings and preferences programmatically

- ❖ Bonus section - Review of interface customization introduced in the fundamentals course
  - ▪ Panes command
  - ▪ Managing docking windows
  - ▪ Manipulation of the PromptBar
  - ▪ Customizing the status bar