

SolidWorks Advanced Surfacing

Length: 1 Day

Pre-requisites: SolidWorks Advanced Part modeling

COURSE CONTENT

LESSON 1: INTRODUCTION TO SURFACING

- What is Solid?
- Working with Surface Bodies
- Why Use Surfaces?
- Workflow with Surfaces

LESSON 2: SOLID-SURFACE HYBRID

- Hybrid Modeling
- Using surfaces to Modify Solids
- Interchanging Between Solids and Surfaces
- Surfaces as Construction Geometry
- Repairing and Editing Imported Geometry

LESSON 3: SURFACE MODELING

- Stages in the Process
- Lofting Surfaces
- Modeling the Lower Half
- Filling in Gaps
- Design Changes

LESSON 4: BLENDS AND PATCHES

- Complex Blends
- Smoothing Patches
- Freeform Feature

LESSON 5: MASTER MODEL TECHNIQUES

- Introduction to Master Models
- Surface Master Techniques
- Working with a Solid Master Model
- Rapid Prototyping