

SolidWorks Advanced Part Modeling

Length: 1 Day

Pre-requisites: SolidWorks Essentials

COURSE CONTENT

LESSON 1: MULTIBODY SOLIDS

- Multibody Solids
- Bridging
- Local Operations
- Combined Bodies
- Using Cut to Create Multibodies
- Saving Solid Bodies as Parts and Assemblies
- Splitting a Part into Multibodies

LESSON 2: SWEEPS

- Sweeping
- Sweeping Along a 3D Path
- 3D Sketching
- Sweeping and Lofting: What's the Difference?
- Working with a Non-planar Path
- Variable Radius Filletting
- Performance Considerations
- Using Twist
- Sweeping Along Model Edges

LESSON 3: LOFTS AND SPLINES

- Basic Lofting
- Using Derived and Copied Sketches
- Centerline Lofting
- Spine Sketching
- Advanced Lofting
- Sketch Picture

LESSON 4: OTHER ADVANCED TOOLS

- Advanced Fillets
- Using Flex
- Wrap Feature
- Dome and Shape Features
- Deform Feature
- Move Face and Delete Face