

Solid Works Level 1

Course duration: 30 Hours

Course Content:

- Topics Covered, Include
- SolidWorks Basics and the User Interface
- Introduction to Sketching
- Basic Part Modeling
- Modeling a Casting or Forging
- Patterning
- Revolved Features
- Shelling and Ribs
- Editing: Repairs
- Editing: Design Changes
- Configurations of Parts
- Design Tables and Equations
- Using Drawings
- Bottom-Up Assembly Modeling
- Using Assemblies
- Templates
- Advanced Part Topics Include
- Introduction
- Multibody Solids
- Sweeps
- Other Advanced Tools
- Advanced Assembly Topics Include
- Top-Down Assembly Modeling
- Advanced Mate Techniques

- Using Configurations with Assemblies
- Display States and Appearances
- Assembly Editing
- Layout-based Assembly Design
- Large Assemblies
- The Motion Manager