

Solid Works Level 3

Course duration: 30 Hours

Course Content:

- SolidWorks Simulation / FEA
- Simulation Topics Include
- Introduction to FEA
- The Analysis Process
- Mesh Controls, Stress Concentrations
- Boundary Conditions
- Assembly Analysis with Contacts
- Symmetrical and Free Self-Equilibrating Assemblies
- Assembly Analysis with Connectors
- Compatible/Incompatible Meshes
- Assembly Analysis Mesh Refinement
- Analysis of Thin Components
- Mixed Meshing Shells & Solids
- Mixed Meshing Solids, Beams & Shells
- Design Scenarios
- Thermal Stress Analysis
- Adaptive Meshing
- Large Displacement Analysis
- Meshing, Solvers, and Tips & Tricks
- Customer Help and Assistance