

SOLIDWORKS Simulation Training (Static) Outline

Lesson 1: The Analysis Process

Lesson 2: Mesh Controls, Stress Concentrations, and Boundary Conditions

Lesson 3: Assembly Analysis with Contacts

Lesson 4: Symmetrical and Free Self-Equilibrating Assemblies

Lesson 5: Assembly Analysis with Connectors and Mesh Refinement

Lesson 6: Compatible / Incompatible Meshes

Lesson 7: Analysis of Thin Components

Lesson 8: Mixed Meshing Shells & Solids

Lesson 9: Beam Elements

Lesson 10: Mixed Meshing Solids, Beams, and Shells

Lesson 11: Design Study

Lesson 12: Thermal Stress Analysis

Lesson 13: Adaptive Meshing

Lesson 14: Large Displacement Analysis