

10-WEEK Advanced SolidWorks Training Program

This training program has been developed for the SolidWorks® user who has mastered the basics of parametric solid model design but needs to continue building skills for working with imported models, surface modeling, FEA using CosmoWorks®, model analysis with FlowWorks® and MotionWorks®, design presentation and publishing using animation, PhotoWorks®, and creating e-Drawings®.

Working with imported models

- Understanding the file types for imported models
- Importing a solid model
- Understanding what the model is in SolidWorks
- Editing an imported solid
- Building dimensional data from an imported solid model
- Using an imported solid model in a design drawing
- Using an imported model in an assembly



Surface Modeling

- Working with surfaces
- Advanced filleting
- Deleting faces
- Dome features
- Offset surfaces
- Extend surfaces
- Intersection curves and splines
- Filling in gaps
- Repairing imported surfaces

Advanced Solid Modeling

- Working with multiple bodies
- Developing sweep paths using 3-D sketching
- Developing complex shapes with lofting
- Creating cuts using surfaces
- Advanced lofting techniques
- Core and Cavity modeling



Design publication and analysis

- Creating design presentations using PhotoWorks & e-Drawings
- FEA analysis using CosmoWorks
- Flow analysis using FlowWorks
- Motion analysis using MotionWorks



To get more information or a schedule and enrollment application please call us at (818) 957-0024.