Pre-Requisites: SOLIDWORKS Essentials
Daily Schedule: 8:30 a.m. - 4:30 p.m.
Length: 2 Days

This is the course to take to learn production assembly modeling in SOLIDWORKS. Learn how to troubleshoot assemblies and make your them as efficient as possible. See how SmartMates and assembly configurations can make your life easier as you work with your production assemblies.

Advanced techniques like top-down modeling, in-context features, and assembly structure editing are explained in detail as you learn how to make some of the most powerful SOLIDWORKS features work for you.
Lesson 6: Assembly Editing

- Assembly Editing
- Key Topics
- Editing Activities
- Replacing and Modifying Components
- Troubleshooting an Assembly
- Replacing Components Using Save As
- Mirroring Components
- Hole Alignment
- Controlling Dimensions in an Assembly
- Sensors

Lesson 7: Layout-Based Assembly Design

- Layout-based Assembly Design
- Key Topics
- Blocks
- Inserting Blocks
- Creating a Part from a Block

Lesson 8: Large Assemblies

- Large Assemblies
- Key Topics
- Lightweight Components
- Large Assembly Mode
- Selective Open with Hide
- Using Quick View / Selective Open
- Using SpeedPak
- Defeature
- Using Configurations with Large Assemblies
- Modifying the Structure of an Assembly
- Assembly Visualization
- Tips for Faster Assemblies
- Drawing Considerations