



SOLIDWORKS 2007: FILE MANAGEMENT

Objective:

CAD Productivity Tools covers three add-ins programs which are included in the SolidWorks Office program i.e. FeatureWorks, SolidWorks Utilities, and SolidWorks Toolbox.

This will include: -

- ✓ Recognize basic SolidWorks features for imported models such as .iges, .step or parasolid
- ✓ Compare 2 similar SolidWorks models by features and volume comparison
- ✓ Create simplified configuration of SW model by suppressing features such as fillets
- ✓ Adding standard components from the design library window such as bolts, nuts and screw
- ✓ Learn to customize the fastener library based on company standard
- ✓ Learn about simple wizard based window to validate choice of bearing and structural profiles.

Prerequisites: Mechanical design experience; experience with the Windows™ operating system.

Duration: 1/2-Day (4-6 hours)

COURSE OUTLINE

Lesson 1: SolidWorks File Structure

- Understanding SolidWorks Files
- SolidWorks File Structure
- Case Study: Reducing File Size
- File Shadowing
- Configuration Bodies
- Case Study: External References
- File References
- File Reference Example
- SolidWorks File Conversion
- Case Study: File Conversion
- Opening Files
- Case Study: RAM Resident
- Reload
- Case Study: View-only
- Case Study: Read-only

Lesson 2: Saving Files

- Saving Files
- Case Study: Save Options
- Editing References
- Automatic File Backup
- File Properties
- Case Study: File Properties
- Additional Data
- Design Binder
- Comments

Lesson 3: File References

- External Reference Search Order
- Case Study: Searching for References
- Recursive Searches
- Changing References
- Case Study: In-context Features
- SolidWorks Explorer
- Case Study: SolidWorks Explorer

Lesson 4: Shared Files

- Working in a Collaborative Environment
- Production Files
- Case Study: Sharing Files
- Reload Multiple In-context References To The Same Part
- Case Study: Motor Mounting Bracket
- Case Study: Toolbox Parts
- PhotoWorks Files
- Case Study: PhotoWorks Files
- Support Files
- Case Study: Shared File Locations
- SolidWorks Add-Ins
- Toolbox
- SolidWorks Explorer For Revision Management
- Case Study: Revision Management

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