



SolidWorks File Management

Pre-Requisites:

- SolidWorks Essentials

Daily Schedule: Begin at 8:30 a.m., End at 4:30 p.m., 1 hour lunch

Length: 1 Day

Description: This course teaches users how to manage SolidWorks files. Details on SolidWorks file structure, file referencing, and file searches are revealed, along with information on opening, saving, and copying files. Students learn how to search for references in SolidWorks files as well as how to manipulate those references. Students also learn about the SolidWorks Explorer and get tips for working in a collaborative environment.

This course is taught from the official course curriculum from SolidWorks Corporation, with additional information from Graphics Systems instructors.

Introduction

About This Course

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: Quick View
- Case Study: Read-only

Lesson 2: Saving Files

- Saving Files
- Case Study: Save Options
- Editing References
- Automatic File Backup

Lesson 2: Saving Files (Continued)

- Case Study: Backup/Recover
- File Properties
- Property Tab Builder
- Case Study: File Properties
- Additional Data
- Design Binder

Lesson 3: File References

- External Reference Search Order
- Case Study: Searching for References
- Recursive Searches
- Changing References
- Case Study: In-context Features
- Locking and Breaking References
- 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
- Support Files
- Case Study: Shared File Locations
- SolidWorks Add-Ins
- Toolbox
- Case Study: Toolbox Parts
- PhotoWorks Files
- Case Study: PhotoWorks Files
- SolidWorks Explorer For Revision Management
- Case Study: Revision Management

