



# SOLIDWORKS Inspection

**Length: 1 Day**

**Prerequisite:** SOLIDWORKS Essentials

**Description:** SOLIDWORKS Inspection teaches the user how to use the SOLIDWORKS Inspection software to automate the creation of ballooned inspection drawings and inspection sheets for First Article Inspection (FAI) and in process inspections.

## Course Syllabus

### **Introduction**

- About This Course
- Windows 10
- Use of Color
- More SOLIDWORKS Training Resources

### **Lesson 1 - Inspection Add-In**

- What is SOLIDWORKS Inspection?
- Inspection Project
- Case Study: Inspection Project
- SOLIDWORKS Inspection Manager
- Export Inspection Data
- Design Revision
- Manual Ballooning
- Working with 3D Documents

### **Lesson 2 - Standalone Applications**

- Overview
- User Interface
- Case Study: Inspection Project
- Inspection Project
- Existing Characteristics
- General Characteristics Tool
- Table Manager
- Managing Characteristics

- Grids
- Multiple Documents
- Publishing Reports
- Drawing Revisions

### **Lesson 3 - SOLIDWORKS Inspection Professional**

- Overview
- Loading the Inspection Professional Add-In
- Case Study: Measurements Input
- Publishing Reports with Inspection Results
- CMM Data Import
- Case Study: Import CMM Data

### **Appendix A - Inspection Report Templates**

- Inspection Report Templates
- Template Editor

### **Appendix B - OCR Editor**

- OCR Overview
- OCR Editor

### **Appendix C - Understanding Regular Expressions**

- Regular Expressions

### **Appendix D - Glossary of Quality Terms**

- Terminology





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