SOLIDWORKS INSPECTION

Pre-Requisites
Familiarity with
Microsoft Windows

Daily Schedule
8:30 a.m. - 4.30 p.m.

Length
½ Day + Optional Admin
Training (Included with
Course Purchase)

Description
This course is designed to give students everything necessary to fully utilize SOLIDWORKS Inspection. Tools and techniques will be taught that allow students to create first article and other inspection reports with the highest efficiency.

Students will learn both the Inspection Addin for SOLIDWORKS and SOLIDWORKS Inspection Standalone, allowing them to work with SOLIDWORKS Files, PDFs, and other CAD formats. They will learn to balloon drawings, collect dimension information, generate reports, and handle tricky revision scenarios.

Lesson 1:
Inspection Add-In

- SOLIDWORKS Inspection; what is it?
- Case Study: Inspection Project
- Project Templates
- Settings
- SOLIDWORKS Inspection Manager
- Managing Balloons
- Multi-Line Notes
- Multiple Instance Characteristics
- Manual Ballooning

Lesson 2:
Standalone Application

- User Interface
- Case Study: Inspection Project
- Extracting Characteristics
- General Characteristic Tools
- Bill of Materials
- Specifications
- Bill of Characteristics
- Grids
- Multiple Drawings
- Publishing Reports
- Handling Revisions

Lesson 3:
SOLIDWORKS Inspection Professional

- Loading the Inspection Professional Add-in
- Case Study: Measurements Input
- Color Coded Characteristics
- Publishing Reports with Inspection Results
- Case Study: Import CMM Data

Appendix

- Inspection Report Templates
- Template Editor
- OCR Dictionary Fonts
- OCR Editor
- Understanding Regular Expressions
- Glossary of Quality Terminology