



## **Autodesk Inventor for Users of SolidWorks Software**

**Course Description:** This course will provide experienced engineers and designers using another 3D modeling application, mostly SolidWorks, the opportunity to learn how to use Autodesk Inventor.

**Objectives:** This course is designed to leverage your existing CAD experience so you can add Autodesk Inventor to your portfolio of skills which will enable you to increase your market value.

**Prerequisites:** It is recommended that you have a working knowledge of 3D design such as SolidWorks software or another parametric 3D modeling application.

### **Topics:**

#### **1. Designing Parts & Assemblies**

Introduction to Autodesk Inventor  
Part Modeling  
Assembly Modeling  
Working with Configurations  
Intro to Data Management with Vault

#### **2. Accelerating Design with Specialized Tools**

Sheet Metal  
Designing Frame Assemblies  
Creating Weldments

#### **3. Managing Parts Lists and Bill of Materials**

Global Bill of Materials  
Bill of Materials Structure  
Editing of Bill of Materials  
Parts List  
Specializing Parts Lists  
Inventor BOM vs. Productstream BOM

#### **4. Documenting Designs**

Creating Views  
Annotating Drawings  
Finishing the Drawing  
Working with DWG files

#### **6. Designing Mechanical Systems**

Using Engineering Criteria to Create Geometry  
Component Generators and Calculators  
Automating Routed System Creation  
Library of Standard Components  
Library of Supplier Content

#### **AND MORE!**

**Duration:** 1 Day

**Classroom Tuition:** \$350.00/student

*Group rates are available*

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