



## **Autodesk Inventor 2010 Advanced Assembly & Machine Design Course**

**Course Description:** This course is designed for the experienced Autodesk Inventor user who wants to learn more about the advanced assembly and machine design tools and workflows in Autodesk Inventor® 2010.

**Course Objective:** After completing this course you will have developed the advanced skills necessary to become more efficient and increase your productivity in Autodesk Inventor® 2010.

**Prerequisites:** It is recommended that you have working knowledge of parametric part and assembly design and documentation using Autodesk Inventor® 2010 and strong working knowledge of Microsoft® Windows® 2000, Microsoft® Windows® XP, or Microsoft® Windows®

### **Topics:**

#### **1. Derived Designs**

Deriving Geometry  
Large Assembly Management

#### **2. Adaptive Design**

Introduction to Adaptive Design  
Adaptive Cross-Part Sketch Geometry  
Adaptive Parts and Features  
Adaptive and Flexible Subassemblies

#### **3. Content Center**

Overview of the Content Center  
Using the Content Center  
Publishing and Managing Content

#### **4. Design Accelerators**

Introduction to Design Accelerator  
Bolted Connections  
Shaft Generator  
Bearing Generator  
Gear Generators  
Belt Generators

#### **5. Frame Design**

Creating Frames  
Modifying Frames

Custom Profile Authoring in the Frame Generator

#### **6. Welded Designs**

Introduction to Weldments  
Creating Weldments  
Documenting Weldments

#### **7. Designing and Documenting Product Families**

iAssembly Configurations  
Using and Managing iAssembly Configurations  
Documenting iAssembly Configurations

#### **AND MORE!**

**Duration:** 2 Days

**Classroom Tuition:** \$595.00/student

*Group rates are available*

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