

## Autodesk Inventor 2010 Transitioning from Autodesk Inventor 2009

### Course Objectives

The primary objective of this course is to teach students how to quickly take advantage of the new and enhanced functionalities and workflows in Autodesk Inventor 2010.

### Who Should Attend / Prerequisites

This course is designed for experienced Autodesk Inventor users. Before taking this course, students should have a working knowledge of the following:

- Autodesk Inventor parametric part design, assembly design, and documentation.
- Microsoft® Windows® Vista or Microsoft® Windows® XP.

### Course Outline

#### **Inventor 2010 User Interface**

- Navigating the Interface
- Viewing and Working with Designs

#### **Top-Down Design**

- Skeletal Modeling
- Multi-body Parts
- Derive, Combine, Split and Move Bodies
- Make Part and Make Components

#### **Plastic and Cast Part Design**

- Grills
- Bosses
- Rests
- Rule Fillets
- Lips Along an Edge
- Hooks and Loop Snap Fits

#### **Sheet Metal Parts**

- Lofted Flanges, Rips and Contour Roll Features
- Unfold/Refold
- Additional Sheet Metal Enhancements
- Cosmetic Centerlines and Bend Order

#### **Additional Part and Sketch Enhancements**

- iFeatures
- Various Part and Sketch Enhancements
- User Coordinate System

#### **Assembly Design**

- Assembly Productivity
- Shrinkwrap Design Data
- Design Accelerator Enhancements
- Assortment of Assembly Enhancements

#### **Content Center**

- Content Center Installation
- Family Configuration
- Place Library Components

#### **Production Drawings**

- Drawing View Enhancements
- Drawing Annotations Enhancements

**Course Duration:** 1 Day

**Tuition:** \$195.00 / Student