



Autodesk Inventor 2010 Update Course Outline

Course Description: This course is designed to teach the new features and improvements introduced in Autodesk Inventor® 2010.

Objectives: Autodesk Inventor 2010 Update Courseware is designed to enable attendees to understand the new and enhanced functionalities offered in Autodesk Inventor 2009. This course focuses on updating the student's prior Autodesk Inventor experience in the areas of: 3D Sketching, Welds, Functional Design, the Content Center, and the Rendering and Animation Tools. There is a heavy use of hands-on exercises.

Prerequisites: This course is designed for the experienced user who is upgrading to the latest version of the software. It is recommended that you have a strong working knowledge of Microsoft® Windows® 2000, XP, or Vista and a previous release of the Inventor software.

Topics:

1. User Interface

Navigating the User Interface
Viewing and Working with Designs

2. Top Down Design

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

3. Plastic and Cast Part Design

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

4. Sheet Metal Parts

Lofted Flanges, Rips, and Contour
Roll Features

Unfold/Refold
Additional Sheet Metal Enhancements
Cosmetic Centerline and Bend Order

5. Additional Part and Sketch Enhancements

iFeatures
Various Part and Sketch Enhancements
User Coordinate System

6. Assembly Design

Assembly Productivity
Shrinkwrap Design Data
Design Accelerator Enhancements
Assortment Of Assembly Enhancements

7. Content Center

Content Center Installation
Family Configuration
Place Library Components

8. Production Drawings

Drawing View Enhancements
Drawing Annotation Enhancements

9. Analysis and Inquiry

Design Analysis Through Simulation
Stress Analysis Through and Assembly
Parametric Studies
Results and Animation

10. Data and Geometry Translation and Exchange

Derive Alias Geometry
Exchange
Import and Export
AEC Exchange
AND MORE!

Duration: 3 Days

Classroom Tuition:
\$825.00/student

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