

Autodesk Inventor 2008 Transitioning from Autodesk Inventor 11

Courseware Description

This courseware covers the new and enhanced functionalities and workflows offered in Autodesk® Inventor™ 2008. Students learn how to quickly take advantage of the productivity enhancements made to the sketch, part, assembly, and drawing environments, as well as modifications for working with sheet metal designs. In addition, this courseware covers the new features in Autodesk Inventor 2008 to assist AutoCAD users who are transitioning to Autodesk Inventor,

Hands-on exercises representing real-world, industry-specific design scenarios are included.

Suggested Course Duration:	2 days
Pages:	TBD
Trial CD:	Yes
Onscreen Exercises Included?	Yes

Objectives

The primary objective of this courseware is to teach students how to quickly take advantage of the new and enhanced functionalities and workflows offered in Autodesk Inventor 2008.

Who Should Attend

This courseware is designed for experienced Autodesk Inventor users.

Prerequisites

Students should have a thorough understanding of Autodesk Inventor parametric part design, assembly design, and documentation. It is recommended that the student have a working knowledge of Microsoft® Windows® XP or Microsoft® Windows® 2000.

Course Outline

Day 1

DWG Interoperability

- Inventor for AutoCAD Users
- Working with DWG Files

2D/3D Sketching Enhancements

- Visual Feedback
- Edit Sketch Geometry
- Helical Curve in 3D Sketch
- Associative Project Cut Edges

Assembly Design Enhancements

- Using the Content Center
- Management of Content Center Data
- Deriving Designs
- Creating Frames
- Modifying Frames
- iMate Enhancements

Day 2

Part Design Enhancements

- Split Geometry
- Area Loft
- Measure and Analysis
- Bend Part
- Revolve Features
- Spotface Holes and Tapered Threads
- 3D Grips
- Copy Object
- Importing Data

Drawing Manager

- Detail Views
- Isometric Views
- Section Views
- Slice
- Dimension Enhancements
- Revision Tables and Tags
- Miscellaneous Enhancements

Sheet Metal Enhancements

- Feature Enhancements
- Punch Enhancements
- Flat Pattern Enhancements
- Sheet Metal Documentation

Note: The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants.

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