

AutoCAD 2010 Transitioning from AutoCAD 2009

Description

Duration: 1 Day

The rebuilt AutoCAD® 2009 interface includes the ribbon, macro recorder, improved 3D navigation, and other productivity improvements. AutoCAD® 2010 builds on this success with major new 2D and 3D design features that every AutoCAD user has dreamed about.

Using hands-on exercises, learn how to use the new parametric constraints to add tremendous design intelligence to 2D geometry and to build extremely powerful dynamic blocks using the same constraint technology. Learn free-form design concepts and how to use the 3D mesh modeling tools to create and document organic designs as well as how to apply the many productivity-improving features such as PDF Underlay, 3D Printing, viewport rotation, and others.

Course Objectives:

The primary objectives of this courseware are:

- To Bring AutoCAD 2009 users up to date with AutoCAD 2010 enhancements..

With an understanding of these tools, students can begin to streamline the design process and become more productive with AutoCAD 2010.

Who Should attend & Prerequisites:

This courseware is designed for Current AutoCAD users upgrading to AutoCAD 2010 from AutoCAD 2009 and should be able to:

- Creating and editing basic AutoCAD objects.
- Microsoft® Windows® 2000, Microsoft® Windows® XP, or Microsoft® Windows® Vista.



AutoCAD 2010 Update Course Outline:

Day 1

2D Parametric Design

- Parametric Design
- Geometric Constraints
- Dimensional Constraints
- Advanced Exercise – Mechanical
- Advanced Exercise - Architectural

2D Constraint-Based Dynamic Blocks

- Creating Constraint-Based Dynamic Blocks
- Complex Constraint-Based Dynamic Blocks
- Advanced Exercise – Mechanical
- Advanced Exercise - Architectural

Free-Form 3D Design

- Introduction to Free-Form Design
- Basic Mesh Modeling
- Creating Composite Models

Additional Enhancements

- Measure Tools
- Reference Files
- 3D Printing
- User Interface Enhancements

