



## AutoCAD 2010 Transitioning from AutoCAD 2009

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.

### Objectives

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

### Duration

1 day

### Who should attend?

Current AutoCAD users upgrading to AutoCAD 2010 from AutoCAD 2009.

### Typical Schedule

Unless otherwise noted on your class registration e-mail, this class starts each day at 9:00 am and ends at 4:00 pm.

### Prerequisites

A working knowledge of the following:

- How to create and edit basic AutoCAD objects, and work with layouts in a recent version of AutoCAD.
- Microsoft® Windows® Vista or Microsoft® Windows® XP.

### Outline

#### 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
- General Enhancements

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