

AutoCAD 2010

Transitioning from AutoCAD 2009

Description

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.

Pages	308
Trial CD	Yes
Onscreen Exercises	Yes
Prerequisites	A working knowledge of the following: <ul style="list-style-type: none">• A recent version of AutoCAD.• Microsoft® Windows® Vista, Microsoft® Windows® XP, or Microsoft® Windows® 2000.

Class Information

Suggested Duration	1 day
Objective	Bring AutoCAD 2009 users up to date with AutoCAD 2010 enhancements.
Who Should Attend	Current AutoCAD users upgrading to AutoCAD 2010 from AutoCAD 2009.

In this Guide

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

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

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