

microsol resources corporation

214 west 29th street
new york, ny 10001
tel: 212.465.8734
fax: 212.967.0910

one penn center
1617 jfk boulevard
philadelphia pa 19103
tel: 215.557.0770
fax: 215.557.0772

www.microsolresources.com



registered AIA provider

AutoCAD Architecture 2010 Fundamentals

- Tuition: \$995.00/per person
- Valid for 24 AIA hours/LUs and 12 NY State CE Units.
- Prerequisite: AutoCAD® Level 1 or AutoCAD Update, or equivalent.

Objective:

- For AutoCAD users who want to create 3D based models with intelligent objects using the latest AutoCAD Architecture technology.

Topics include:

- **Design Development:** Creating multi-component style-based walls with automatic cleanup. Controlling wall interaction by setting the priorities of individual components; Converting AutoCAD lines, arcs, and polylines to walls; Utilizing layout and column grids in 2D and 3D; Creating roofs from walls or AutoCAD polylines; Using style-based doors and windows with automatic cleanup and placement; Producing stairs and rails based on design rules; Taking advantage of toilet room layout; Using dynamic sections and elevations; Importing view-dependent Design Content library components for furniture, fixtures, and equipment; Extending the Design Content library with existing collections of 2D and 3D blocks; Using camera object for perspective views and AVI generation; Other topics include creating and modifying curtain walls, window assemblies, slabs, ceiling grids, slabs, structural elements, column grids, stair towers, railings, and more.
- **Construction Documentation:** Layer grouping and sorting by industry standards; User-definable object display control; Block manipulation tools; Creating elevations and live sections dynamically linking your design. Schedules, drawing tags, and reports; Developing design content; Notes or reference documents attached to any object. Calculate areas and area groups. Architectural Desktop Design center documentation content; AEC dimensions and enhanced dimension tools for AEC objects, leaders, keynotes, and reference marks.
- **Design Visualization:** new built in Rendering features of AutoCAD 2010 allow for easy creation of rendered images
- **Conceptual Design:** Producing mass models from drag-and-drop geometric primitives. Creating mass models. How to revolve, extrude, and sweep 2D geometry to create mass elements. Generating levels automatically from mass model. Convert Mass faces to walls, curtain walls.
- **Update Topics include:** UI enhancements, Viewport locking, Annotative scaling, Surface hatch toggle, Enhanced grip functionality, Easily edit profiles, Tables linked to Excel files, The Properties Palette Display tab, In Place Editing, Tool Catalogs Libraries, Adding Content. Drawing Management; Working in a Project Environment, The Project Browser, The Project Navigator: Publish / 3D DWF, Levels, Divisions, Categories, Constructs, Elements, Views, Plotting Sheets Sets, Materials: Process Overview, Material Components Displaying Materials in a Drawing, Working with Surface Hatches, Creating and Editing Materials. New and Enhanced Detail Component Manager. Synchronize Project Standards, AutoCAD Updates; Heads up Design, Workspaces-CUI.

Autodesk
Authorized Training Center

Autodesk
Premier Solutions Provider
Building Architecture