

AutoCAD Architecture Fundamentals – 24.0 Hours (3 Days)

Course Description

Summary

CivilTraining, LLC instruction in AutoCAD® Architecture Fundamentals provides a hands-on introduction to Autodesk's AutoCAD Architecture software. This course consists of a three-day class that focuses on teaching AutoCAD Architecture tools built specifically for architects that greatly increase the speed and efficiency of architectural drawings and result in higher quality and more accurate model-based designs.

AutoCAD Architecture is "AutoCAD optimized for architecture." The software is designed to work from conceptual design through to design development, working drawings and facility maintenance. The class focuses on the design development and construction documentation features of AutoCAD Architecture and teaches basic tools that the majority of users need to utilize in AutoCAD Architecture. The class also provides an in-depth coverage of toolbars, dialog boxes and commands. The user will advance from creation of a site plan, floor plan and space planning through to the finished building.

Topics and Schedule

- Creating Basic Floor Plans with Walls, Doors and Windows
- Creating Specialty Objects, Such as Column or Ceiling Grids, Stairs and Railings
- Adding Roofs and Floor Slabs
- An Introduction to Projects and Project Navigator
- Adding Furniture, Fixtures and Equipment
- Creating Details
- Showing Elevations, Sections and Perspectives
- Marks, Tags, Schedules, and Additional Documentation

Prerequisites

Familiarity with AutoCAD software, basic 3D viewing tools and familiarity with current versions of Microsoft® Windows® (XP, Vista or Windows 7).

Learning Objectives

1. Participants will be able to describe the basic drawing and editing tools in Architecture as used in the sample architectural project used in the course.

AutoCAD Architecture Fundamentals – 24.0 Hours (3 Days)

Learning Objectives (Continued)

2. Participants will be able to create a 3D building model with walls, columns, ceilings, stairs, floors, and roofs using the sample architectural project used in the course.
3. Participants will be able to customize the building model in the sample architectural project used in the course.
4. Participants will be able to set up sheets for plotting with text, dimensions, details, tags, and schedules in the sample architectural project used in the course.



This course is a registered Continuing Education class with the AIA. Courses taught by CivilTraining, LLC meet continuing education/professional development requirements for Alabama, Delaware Professional Engineers, Georgia, Illinois, Kentucky, Michigan, Missouri, Nevada, New Mexico, Ohio, Pennsylvania, South Carolina, Tennessee Professional Engineers, Texas Professional Engineers, Utah, Virginia, and West Virginia.

AutoCAD and Autodesk are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders.

5300 Wellington Branch Drive • Suite 100 • Gainesville, VA 20155 • Phone 732.869.0592 • Fax 732.377.5454

john.cooke@civiltraining.com • www.civiltraining.com

A division of Wetland Studies and Solutions, Inc.

a DAVEY  company