AutoCAD® Architecture Fundamentals

Course Length: 3 days

In addition to the standard AutoCAD® software tools, the AutoCAD® Architecture software offers a host of features that greatly increase the speed and efficiency of architectural drawings. The software is designed to work from first concept (conceptual design or mass model) through to design development, working drawings, and facility maintenance.

AutoCAD® Architecture Fundamentals focuses on the design development, construction documentation, and visualization features of the AutoCAD Architecture software (the basic tools that the majority of students require when working).

The main topics covered include:

- Creating basic floor plans with walls, doors, and windows.
- Creating specialty objects, such as column or ceiling grids, stairs & railings.
- Adding roofs and floor slabs.
- An introduction to Projects and the Project Navigator.
- Adding furniture, fixtures, and equipment.
- Creating details.
- Displaying elevations, sections, and perspectives.
- Marks, tags & schedules, and other documentation.
- Drawing cameras, adding lights, and basic rendering.

To see the current course schedule and to register for this course:

Go to imaginit.com/scheduleACADARCHFUND

Course description shown for Autodesk AutoCAD Architecture 2014. Topics, curriculum, and/or prerequisites may change depending on software version.
Prerequisites:
Students should have a solid background in the AutoCAD software because AutoCAD tools and concepts are essential for working with the AutoCAD Architecture software. In particular, students should be familiar with the basic 3D viewing tools (preset views, 3D Orbit, and Visual Styles), layouts, Paper Space/Model Space issues, and external references (XREFS). A working knowledge of the Ribbon interface is helpful but not essential, as pertinent tools are covered in the training guide.

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- Viewing in 3D

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- Modifying Walls
- Creating Curtain Walls

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- Adding Wall Openings
- Accessing Styles with Style Manager
- Modifying Wall Openings

Chapter 4 Structural Design
- Creating Custom Column Grids
- Modifying Custom Column Grids
- Annotating Custom Column Grids
- Working with Structural Members
- Working with Standard Column Grids (Optional)

Chapter 5 Reflected Ceiling Plans
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- Inserting Ceiling Fixtures
Chapter 6 Vertical Circulation
- Adding Stairs
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Chapter 7 Floors
- Creating Floor Slabs
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- Editing Slabs Using Slab Tools

Chapter 8 Roofs
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Chapter 9 Fixtures, Furnishings, and Equipment
- Furnishing the Building Design
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Chapter 10 Introduction to Drawing Management
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- Using the Project Navigator

Chapter 11 Building Model Views
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- Elevations and Building Sections
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Chapter 15 Visualization
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Appendix A Visual Styles and Animation
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- Animating with ShowMotion
- Motion Path Animations

Appendix B Project Practices
Cancellation Policy

The following cancellation policy shall apply to all training engagements, Live Online, Consulting Services and Dedicated/Custom Training:

- Company reserves the right to reschedule or cancel the date, time and location of its class at any time. In the event that a Training Class is cancelled by Company, Customer is entitled to a full refund. Company shall not be responsible for any other loss incurred by Customer as a result of a cancellation or reschedule.

- For Customer cancellations when written notice is received (i) at least ten (10) business days in advance of the class, the Customer is entitled to a full refund of its payment or reschedule enrollment, (ii) less than ten (10) business days, Customer shall not be entitled to a refund, but shall receive a class credit to be used within three (3) months of the date of the original class.

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For full terms and conditions, go to imaginit.com/TrainingTC.

To request more information or to see training locations, visit imaginit.com/contact.