

RA100: Hybrid Modeling - 2D to 3D Using AutoCAD and REVIT

Course Length 3 Full Days or 6 Sessions

Schedule **3 Full Days**
9:00am - 4:00pm ET

Morning - 6 Sessions
9:00am - 12:00pm ET

Afternoon - 6 Sessions
1:00pm - 4:00pm ET

Evening - 6 Sessions
5:00pm - 8:00pm ET

Course Price \$1295 per person
(group rates available)

Designed for

This course is designed for experienced users of AutoCAD and beginning users of REVIT Architecture.

Prerequisites

A working knowledge of AutoCAD and fundamental knowledge of REVIT is preferred however not required. Experience in engineering or architectural design, drafting, or construction management is highly recommended.

What you get

Students will get classroom access to the software as well as sample project content and the knowledge to get started with the project creation and management tools in REVIT and AutoCAD.

Notes

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the students.

All courses will be taught on the most current release, depending on availability of courseware.

Course Plan

The objective of the RA100 - Hybrid Modeling - 2D to 3D Using AutoCAD and REVIT is to enable you to efficiently create a full set of construction documents with seamless integration of both 2D and 3D methodologies.

This course is targeting firms and AEC professionals who work managing projects in both the residential and light commercial industries. This can include multiple disciplines that need typical details to be included in 2D formats as well as a working 3D/BIM REVIT model for architecture, structure, and visual graphics for presentation. Combining the functions of AutoCAD and REVIT will help users transition from 2D to 3D.

Topics Covered

- Importing and using existing 2D data: CAD files, details, CD/Blueprints, JPG's etc. in REVIT.
- Beginning to 'think' in 3D through basic structural modeling in REVIT.
- Grids, site plans, and basic contouring in Revit.
- Sheets, views, details, sections and when to use 2D or 3D elements with most accuracy and efficiency.
- Coordinating with subcontractors and MEP data within an architectural model.
- Visualizing the 3D spaces using walkthroughs, basic rendering within REVIT, and camera views.
- Completing a full set of construction documents for a standard residential alteration permit sample.

For more information, please contact our main office:

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