

# REVIT® ARCHITECTURE ESSENTIALS

## COURSE OUTLINE



(800) 247-1927

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Get introduced to Revit Architecture while learning the fundamental concepts of Building Information Modeling (BIM). This hands-on three day course will teach students how to model essential building elements in 3D such as walls, stairs, doors, windows, etc. You'll also learn how to create schedules, legends, sheets and other views of your model to create your construction document set.

**Prerequisite:** A working knowledge of Microsoft Windows is recommended.

**Course Length:** 3 days

### Getting Started

- Overview of Interface
- Navigating, Viewing, & Selection Methods

### Setting Up Levels and Grids

- Creating & Using Levels
- Creating a Structural Grid

### Creating Building Elements

- System Elements — Walls, Curtain Walls, Floors, Ceilings, Roofs, Stairs, & Railings
- Loadable Components — Doors, Windows, & Furniture
- Working with AutoCAD 2D Floor Plans

### Modifying Building Elements

- Changing Element Properties
- Move, Copy, Rotate, & Align Elements

### Creating Views of the Model

- Duplicating Views
- Managing View Display
- Adding Callouts
- Creating Elevations
- Creating Sections

### Schedules and Annotation

- Creating Quantity Schedules
- Working with Text & Dimensions
- Adding Tags

### Construction Documents

- Setting-up Sheets
- Controlling Views on Sheets

### Details

- Creating Model-Based Details
- Creating Drafting View-Based Details
- Working with AutoCAD Drawings

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