

## Revit Architecture 2011 Predesign

This one day hands-on class builds upon the basic concepts of utilizing Revit Architecture and helps users understand how to utilize Revit tools and features for the Schematic and Design Development stages of a project. Knowledge of basic techniques is assumed, such as placing objects, copying and moving objects, and creating and working with views, etc.

### Learning Objective

The objective of the Revit Architecture 2011 Early Design Tools class is to enable students who have a basic knowledge of Revit to increase their knowledge of how to utilize Revit massing and other commands for functions needed in early stages of design.

### Course Outline

- ✓ **Massing**
  - Using Massing
  - Converting Massing to Wall, Floor, and Roof Elements
- ✓ **Basic Family Creation for Space Designing**
- ✓ **Color Schemes for Client Presentation**
- ✓ **Area Plans**
- ✓ **Displaying Room Data Sheet Information**
  - Views
  - Schedules
- ✓ **Creating Specific Floor Plans for Review**
  - Fire Ratings
  - Room Occupancy
- ✓ **Room Schedule to Compare Actual Versus Program Area**
- ✓ **Using Reference Lines**
- ✓ **Creating Type Catalogs**
- ✓ **Controlling Visibility**
  - Objects
  - Linework
  - Nested Families
- ✓ **Amount of Detail Utilized in the Family**
- ✓ **Model Lines Versus Symbolic Detail Lines**
- ✓ **Incorporation of Autodesk Seek Standards**
- ✓ **Keys to Rotating Items Inside Families**
- ✓ **Adding Connectors**

The instructor may vary the topics and outline depending on the students participating in the class or other situations.