



# Revit



# About Course

Revit is used to coordinate all data inputs (including CAD) and produce federated project deliverables. Both programs are often used within the same firm, with BIM and CAD specialists working on different elements of a project.

Whereas AutoCAD creates 2D geometries with 3D modeling capabilities, Revit is based in 3D parametric modeling and emphasizes its use as a building information modeling (BIM) tool. Each is widely used for various components of architectural and civil engineering projects.

# REVIT

## CURRICULUM

### ① Introduction to Revit Architecture

User Interface

Options and Help

Starting an Architectural Project

### ② Starting a New Architectural Project

Navigation Tools

### ③ Creating Walls

Creating Architectural Walls

Creating Architectural Walls II

### ④ Using Basic Building Components I

Adding Doors

Adding Window and Wall Openings

### ⑤ Using the Editing Tools

**Working with Selection Sets**

**Editing Tools**

**Editing Tools II**

**Grouping**

**Retrieving Information about Elements**

## **6 Datum Planes and Creating Standard Views**

**Working with Reference Planes**

**Working with Levels**

**Working with Grids**

**Working with Project Views**

## **7 Using Basic Building Components II**

**Creating Floors**

**Creating Roofs**

**Shape Editing Tools**

**Creating Ceilings**

**Adding Rooms**

## **8 Using Basic Building Components III**

**Working with Components**

**Adding Stairs**

**Adding Railings and Ramps**

**Creating Curtain Walls**

## 9 Adding Site Features

Working with Site Features  
Property Lines and Building Pads  
Adding Site Components

## 10 Using Massing Tools

Understanding Massing Concepts Creating  
Massing Geometry  
in the Family Editor  
Creating Families

## 11 Adding Annotations and Dimensions

Adding Tags  
Keynotes

## 12 Creating Project Details and Schedules

Project Detailing  
Adding Text Notes  
Working with Schedules

## 13 Creating Drawing Sheets and Plotting

Creating Drawing Sheets  
Creating Duplicate Dependent Views

## 14 Creating 3D Views

Three Dimensional Views

## 15 From Rendering to Walkthroughs

Working with Materials

Rendering in Revit Architecture

Creating a Walkthrough

## 16 Using Advanced Features I

Creating Structural Components

Using Area Analysis Tools

## 17 Using Advanced Features II

Worksharing Concepts

Working with Linked Models

Project Standards and Browsers

Revit Architecture Interoperability




 [www.softcrayons.com](http://www.softcrayons.com)

 (+91) 854 501 2345

   @softcrayons

 [info@softcrayons.com](mailto:info@softcrayons.com)

 693, Sector 14-A, Vasundhara,  
Ghaziabad (U.P.), 201012