

REVIT SYLLABUS



AUTODESK REVIT ARCHITECTURE ESSENTIAL

Building Information Modeling 2 Hrs

- Building Information Modeling for Architectural Design

Revit Architecture Basics 6 Hrs

- Exploring the User Interface
- Working with Revit Elements and Families
- Starting a Project
- Importing CAD Data
- Fundamental of Massing Studies
- Creating / Modifying Topographic surface

Basics of the Building Model 6 Hrs

- Creating and Modifying Levels
- Creating and Modifying Grids
- Adding Columns
- Creating a Basic Floor Plan
- Adding and Modifying Walls
- Working with Compound Walls
- Using Editing Tools
- Adding and Modifying Doors
- Adding and Modifying Windows

Viewing the Building Model 4 Hrs

- Managing Views
- Controlling Object Visibility
- Working with Section and Elevation Views
- Creating and Modifying 3D Views

Using Dimensions and Constraints 2 Hrs

- Working with Dimensions
- Applying and Removing Constraints

Developing the Building Model 4 Hrs

- Creating and Modifying Floors
- Working with Ceilings
- Creating Openings
- Adding and Modifying Roofs
- Creating / Editing Curtain Walls
- Adding Stairs, Railings and Ramps

Working with Families 4 Hrs

- Understanding Family Editor
- Creating / Editing Family Component
- Working with Component Families

Detailing Your Design 4 Hrs

- Creating Callout Views
- Working with Text and Tags
- Working with Detail Views
- Working with Drafting Views

Documenting / Annotating Your Design 2 Hrs

- Creating and Modifying Schedules
- Creating Rooms / Area Tags and Schedules
- Creating Legends and Keynotes

Presenting the Building Model 5 Hrs

- Working with Drawing Sheets
- Working with Title blocks
- Managing Revisions
- Creating Renderings
- Using Walkthroughs
- Using Sun and Shadow Settings
- Creating DWF files

Autodesk Revit Architecture Advanced

Importing and Exporting Files 2 Hrs

- Importing and Using External Files
- Exporting to External Files

Linking Files 2 Hrs

- Working with Revit Architecture Linked Files
- Monitor and Coordinate Linked Projects

Conceptual Design 4 Hrs

- Working with Mass Shapes Converting Mass
- Shapes to Building Components

Creating Advanced Components 4 Hrs

- Creating and Using In-Place Families
- Creating and Modifying Parametric Families
- Creating Nested Families
- Working with Component Groups

Design and Analysis 2 Hrs

- Designing in Phases
- Using Design Options
- Checking and Fixing Interference Conditions

Revit Architecture Work-sharing 2 Hrs

- Managing Project Sharing with Work sets
- Managing Work sets and Multiple Users

Advanced Rendering 5 Hrs

- Creating Realistic Presentations
- Creating Rendered Interior Scenes

Projects

- Project of Residential & Commercial Building with Interior & Exterior Views, Render Images & Walkthrough.

Partners :



development | consultancy | training

E-mail: info@ducatindia.com

Visit us: www.ducatinidia.com

www.facebook.com/ducateducation

NOIDA

A-43 & A-52, Sector-16,
Noida - 201301, (U.P.) INDIA
Ph. : 0120-4646464
Mb. : 09871055180

GURGAON

1808/2, 2nd floor old DLF,
Near Honda Showroom,
Sec.-14, Gurgaon (Haryana)
Ph. : 0124-4219095-96-97-98
Mb. : 09873477222-333

GREATER NOIDA

F 205 Neelkanth Plaza Alpha 1
commercial Belt Opposite to Alpha
Metro Station Greater Noida
Ph. : 0120-4345190-91-92 to 97
Mb. : 09899909738, 09899913475

GHAZIABAD

1, Anand Industrial Estate,
Near ITS College, Mohan Nagar,
Ghaziabad (U.P.)
Ph.: 0120-4835400...98-99
Mb. : 09810831363 / 9818106660
: 08802288258 - 59-60

FARIDABAD

SCO-32, 1st Floor, Sec.-16,
Faridabad (HARYANA)
Ph. : 0129-4150605-09
Mb. : 09811612707