

INTRO TO REVIT

COURSE INFO
[2-4 DAYS/10 HOURS]

Revit Fundamentals

- About Revit: User interface
- Parametric Modeling Relationships
- Element Behavior in Revit
- Element Properties
- Work with Parameters
- Review the Basics
- Drawing and editing
- Modelling, navigating and selection
- MEP

+1 International exams
+additional in price:

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ABOUT

Autodesk Revit is a building information modeling software for architects, structural engineers, mechanical, electrical, and plumbing engineers, and contractors.

2x Internationally award-winning



PRICE: R16 900 / \$1000 / €950/ £950
Full Payment before commencement (no payment plan)

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ADVANCED REVIT

COURSE INFO

[1 - 2 MONTHS / 30 HOURS]

- Create the Building Grid
- Levels
- Place Construction Elements
- Automatic Steel Connections
- Create Model Views – and their use by Cameras for GA creation
- Create a Straight Stairs Between Two Points
- Create Handrailing Between Selected Points
- Insert a Spiral Staircase in the 3D Model
- Insert a Vertical Caged Ladder and Monowills
- Create Rectangular Grating
- Create the Portal Frame
- Connect the Frame
- Copy the Frame and Connections
- Apply Bracing
- Insert Cold Rolled Purlins and Sheeting Rails
- Insert Cladding Panels
- Create a Roof Truss and apply the Connections
- Create Hip Rafters
- Create Purlins to the hip roof, apply connections and insert Eaves beams
- Create the Platform Support Steelwork
- Create a Stair
- Insert the Mezzanine Floor Cold Rolled Steelwork
- Create Flooring Panels
- Apply Handrailing to the Stairs and Platform
- Different information management systems and Exchange formats
- Configure Numbering and Marking prior to creating NC Files
- Add Project Information to the NC Files
- Produce DXF files for plates with Hard Stamping
- Generate Manufacturer Specific Cold Rolled CAM Data
- Create User Connections
- Insert User Connections
- Modify User Connections
- The Drawing Style Manager
- Drawing Prototypes
- The Title Block
- The Drawing Frame
- BOM's and Revision Tables
- The Management Tools application
- Element Transfer between Advance Steel and Revit
- Structural Columns and Framings Transfer
- Steel Fabrication Element Transfer
- Structural Connection Transfer and Synchronisation
- Analysis Results Transfer from Revit to Advance Steel
- Level Import and Export
- Grid Transfer and Synchronisation
- The GTC Mapping Database

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Prerequisite: Intro to Revit

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AUTODESK REVIT MASTER

COURSE INFO
[3 MONTH/60 HOURS]

- How to perform a basic setup of the modelling environment
- Get to know the ribbon and user interface terminology
- Identify the panels and the tools
- Using the tools and properties palettes
- Navigate around the drawing using commands such as Start a New Project
- Project Information
- Create the Building Grid
- Levels
- Place Construction Elements
- Automatic Steel Connections
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