man machine

AUTODESK
Authorised Training Centre

Revit Structure Fundamentals

Course Description

This comprehensive course dives into the essential skills required to use Autodesk Revit, the leading Building Information Modelling (BIM) tool used to design, document, visualise and collaborate and simulate projects, for Structural Engineers, between BIM Project Teams.

You will learn how to draw, and modify Structural Elements in 3D using the Autodesk Revit toolsets. We will explore the ability to extract information and data from the Building Information Model to create schedules and basic take-offs.

Prerequisites

Ideally suited for users who are transitioning from 2D CAD, or completely new CAD users. An understanding of Building Services terminology is recommended, as well as familiarity of Microsoft Windows 7 or later. Previous CAD knowledge would benefit, but is not essential.

BIM Modeller

bimvready™

Topics Include

- Introducing Revit as a BIM tool
- UI Tour, Project Navigation and View Creation
- Element Selection and Manipulation
- Visibility Control and Categorisation
- Model Development Methodology
- Establishing a Project
- Modelling Walls, Columns, Beams and Bracing
- Foundations and Piling
- System Family Editing
- Basic Schedules and Legends
- Geometry Formation and In-Place Families
- Slab and Roof Tools
- Stair, Ramps and Railings
- Beam and Truss Systems
- Construction sequencing (Phasing)
- 2D Draughting and Annotation
- Sheet Compilation and Publication
- Basic Subdivision and Collaboration
- Introduction to the Principles of Family Editing

Course Duration: 3 Days

Next Step: BIM Management or BIM Coordination

E: training@manandmachine.co.uk
W: www.manandmachine.co.uk **T:** 01844 263 700

Connect with us: