Building Information Modelling (BIM) using Revit

Dates: 20/04/2026
Locations: Lisson Grove Centre

Building information modelling (BIM) is a collaborative process for creating, managing, and storing information about a built asset throughout its life cycle. Revit is a widely used BIM software for designing, planning and managing the construction of built assets, such as buildings and infrastructure. It enables professionals to create detailed 3D models that integrate architectural, structural and MEP (mechanical, electrical and plumbing) components, supporting real-time collaboration and accuracy across all project stages. On this short course you will learn key skills for the workplace.

Entry Requirements

All applicants must have:
- An interview and assessment to confirm that the course is suitable for them.
- English and maths at level 1 or GCSE Grade 3/D and above
- Good IT skills at level 1 or above.
- Evidence of a portfolio in the subject area
- Have completed AutoCAD level 2 or equivalent, or 75 hours of recent AutoCAD study , or can evidence industry experience of vector software.

What topics does the course cover?

- Introduction to Revit and an overview of Building Information Modelling (BIM)
- Basic Modelling and Tools
- Annotation and Detailing
- Families and Components
- Collaboration and Workflow
- Modelling Techniques
- Visualization and Rendering
- Project Documentation
- Applying learned concepts: modelling, annotation, documentation

How will I be taught and assessed?

You will be taught using a range of techniques including short lectures, demonstrations, and by completing practical exercises.

Are there any other costs or equipment I need to get?

A pen or pencil and notebook for taking notes.

By the end of the course what should I be able to do?

A working knowledge of:
- Revit and Building Information Modelling (BIM)
- Basic Modelling and Tools
- Annotation and Detailing
- Families and Components
- Collaboration and Workflow
- Modelling Techniques
- Visualization and Rendering
- Project Documentation
- Applying learned concepts: modelling, annotation, documentation

What are the progression opportunities following this course?

After successful completion of the course, you should be able to work in industry at an entry level.