

# COBIE and IFC Fundamentals

## Course Description

This course will provide you with a fundamental understanding of COBie and IFC, and their use in BIM project environments. The course covers the detailed schemas and structure, as well as how they can be applied to BIM Use Cases such as clash detection, coordination, data recording and Facilities Management.

It also explores how COBie and IFC are used in your BIM workflows, their role in the lifecycle of the built asset and provides a hands-on approach to how they work. The course is for designers, coordinators and anyone who needs to gain an understanding of COBie and/or IFC. If you need to specify, create, update, use and/or check files for clashes or correct COBie data, you will benefit from the course.



## Prerequisites

A reasonable understanding of BIM and some exposure to 3D modelling tools like Revit would be advantageous.

BIM Management



## Topics Include

- ❑ Introduction and Principles of BIM
- ❑ Introduction to COBie
- ❑ COBie Demystified
- ❑ The COBie Format
- ❑ The COBie Deliverables
- ❑ IFC Demystified
- ❑ The IFC Format
- ❑ Delivering COBie using IFC
- ❑ COBie Toolkit using Autodesk Revit
- ❑ IFC Exports and Associated Options
- ❑ COBie Data Checks and QC Reporting



Course Duration: 2 Days

Next Step: A Bespoke Course