

Basic Level

BIM Modelling Practical Course

INTRODUCTION

Building Information Modelling (BIM) is the management of information through the whole life cycle of a built asset, BIM enables a virtual information shared-based model to be handled from the design team (architects, surveyors, engineers of various disciplines) to main contractors, sub-contractors and then to the owner / operator. It provides extensive information to owners of the project, and it shares information across these disciplines.

Use of BIM goes beyond the planning and design phase of the project, it supports cost management, construction management, project management and facility operation. This reduces information losses that traditionally occurred when a new team takes 'ownership' of the project.

OBJECTIVE

Upon completion of this two-day training course, the participants will be able to have a basic understanding of BIM Models, and how BIM is able to help managing the project program, tracking the work progress of each trade and reducing abortive work done.

WHO SHOULD ATTEND?

Building Engineers or BS Engineers working for Building / Structural / Building Services Contracting Firms

PROFESSIONAL TRAINER

Our tutor has been the pioneer to apply BIM and virtual construction simulation technology. He has many years of experience in construction management, and has participated in many BIM projects worldwide. He has extensive experience in BIM training courses.

GENERAL INFORMATION

Venue: Cheung Sha Wan Training Venue

Duration: 2 days (12 hours)

Language: Cantonese supplemented with English material

Methodology: Presentation and experience sharing

CERTIFICATE AND CPD:

Certificate of successful Completion will be awarded delegates who have attended full course. You may be able to claim CPD hours for your membership at professional bodies.

COURSE CONTENT

1. Introduction of BIM, BIM Standards, BIM Software and BIM Model
2. Introduction the Role of BIM Manager, Modeler, Consultant and Engineer
3. Revit Interface and Basic Operations
4. Basic setting for BIM Modeling environment
 - Import CAD
 - Define project base point
 - Add project levels and grids
5. Parametric BIM Modeling
 - Column, Walls, Floors windows
 - Windows, Doors
 - Load Families
6. Definition and editing of element properties
 - Create Materials
 - Apply Materials
 - Edit parameters
7. Create Filter, Schedule and drawing sheets
(Note: Training in REVIT Environment)