



**CCD**  
POINTS  
APPROVED

~~RM 3200~~

**RM 2000**  
SUBSIDISED BY  
**CIDB**

**RM 1200**

\*LIMITED FOR 400 PAX ONLY

**14-17** MAY  
**2019**

BIM PROFICIENCY TRAINING

# FUNDAMENTAL MODELLING OF ARCHITECTURE

## COURSE OUTCOME: ●

The developments of the course outcome are based on the international and local standards of scope of work, defined for BIM modellers roles and responsibilities. It is therefore, targeted at skill sets to develop competency in hands-on technical skill, BIM knowledge and pro-active problem solving which tailored to suit local requirement. Upon successful completion of this course, the participants are expected to be able to:

- Operate a 3D parametric modelling tool
- Interpret design intent to be used in technical modelling
- Develop a 3D BIM model appropriately
- Extract & prepare related design deliverables such as drawings, material schedule, schedule of accommodation and etc.
- Utilise 3D BIM model as interaction, communication and collaboration tools
- Apply BIM based process flow of technical modelling
- Identify problems and associated challenges in delivering BIM based process flow

## Pre-Requisite :

- Working knowledge of Microsoft® Windows® Operating Systems
- Knowledgeable of architectural design, drafting, or engineering
- CAD drafting or modelling experience in building and construction project is an extra advantage
- Basic knowledge of BIM tools and concept

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## COURSE OUTLINE:

### DAY 01

#### Introduction

- Introduction to basic concept
- Introduction to Revit interface
- Revit features and function
- Model navigation Architecture Modelling
- Adding Elevations and gridlines
- Creating wall
- Adding doors and windows

### DAY 02

#### Creating Architecture Modelling

- Creating floor
- Creating staircase
- Creating shaft opening
- Creating roof
- Adding furniture components Annotation and Tagging
- Labelling and tagging
- Dimensioning
- Room Tag

### DAY 03

#### Modelling Output

- Creating door and window schedule
- Creating schedule of accommodation

#### Creating Drawing Sheet

- Adding project information
- Creating sheet drawing
- Adding sheet to the project
- Adding new views in sheets

### DAY 04

#### Revision

#### Exam

## FOR MORE INFORMATION:



- ☎ 011-61193625 (En. Yusuf)
- 🌐 <http://bim.utm.my/training/>
- ✉ [bimcds.act@utm.my](mailto:bimcds.act@utm.my)
- 📍 Universiti Teknologi Malaysia



#### PAYMENT

Account Name **UNBOX Resources Sdn Bhd**  
Bank Name **MAYBANK**  
Account No. **551623213023**  
Method Transfer **Electronic Fund Transfer (EFT)**  
**\*Kindly send proof of payment to [bimcds.act@utm.my](mailto:bimcds.act@utm.my)**