BIM PROFICIENCY ACCREDITATION

BIM Modelling of Architecture

Develop BIM competency for modellers

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. Therefore, it is targeted at skills sets to develop competency in hands-on technical skill, BIM knowledge and pro-active problem solving which are tailored to suit local requirement. Upon successful completion of this course, the participants are expected to :

- Operate 3D parametric modelling tool
- Extract and prepare design deliverables
- Apply BIM-based process flow for technical modelling
- Develop 3D model and interpret design for technical modelling
- Identify problems and challenges in delivering BIM-based process flow
- Utilise 3D BIM model as interaction, communication and collaboration tools

→ Course Outline

Day 1

Introduction
- Roles & Responsibilities of Modeler
- BIM Work Process
- Basic Software Navigation

Project Setup
- Workset Setup
- Levels & Grids
- Design Architectural Elements

Day 2

Creating Architectural Model
- Documentation
- Design Architectural Elements
- Load & Place Components
- Section & Elevation
- Component Parameter

Day 3

Design Review / Coordination
- Interference Check
- Documentation Output
- File Format Conversion

BIM Integration & Collaboration Concept
- Data Exchange
- Industry Foundation Classes (IFC)
- Common Data Environment (CDE)
- Collaborative Cloud Modelling
- BIM Standard in General

Day 4

Revision & Exam

! PRE-REQUISITES :

+ Completed BIM Concept & Theory training
+ Basic familiarity with BIM tools and concepts
+ Preferred: CAD drafting/modeling experience in construction projects
+ Knowledge in Architectural design, Drafting, or Engineering is beneficial

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INQUIRIES? CONTACT US!