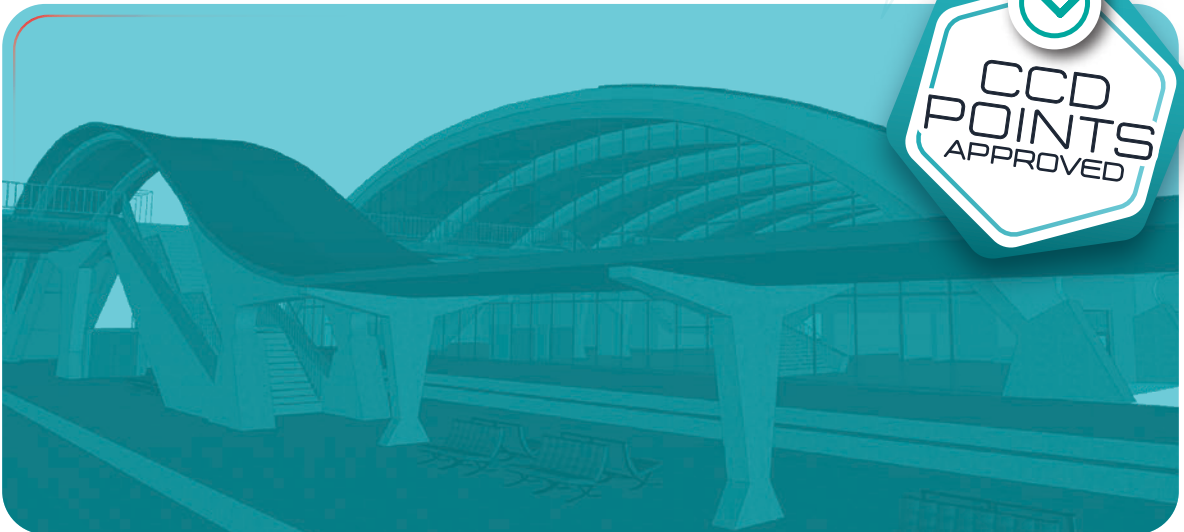BIM PROFICIENCY ACCREDITATION

BIM Modelling of Architecture

Develop BIM competency for modellers

CCD POINTS APPROVED

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 skill sets to develop competency in hands-on technical skill, BIM knowledge, and proactive problem solving which are tailored to meet local requirements. Upon successful completion of this course, 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 BIM model as interaction, communication and collaboration tools

→ Course Outline

Day 1

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

Project Setup
- Project Link (Local / Cloud)
- Organize & Manage Layers
- Manage Project Model Level
- Grids Configuration
- Understanding Element Properties

Day 2

Creating Architectural Model
- Creation & Modelling of Wall, Floor, Ceiling & Curtain Wall
- Column Generation & Placement
- Import & Place Component

Day 3

Creating Architectural Model
- Railings Creation & Modelling
- Staircase Setup & Modelling
- Create, Manage, & Modify Groups
- Create & Define Spaces
- Import & Customize Furniture Properties
- Create & Manage Views

Day 4

Revision & Exam

! PRE-REQUISITES :

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

INQUIRIES? CONTACT US!