BIM MODELLING OF INFRASTRUCTURE (ROADS & HIGHWAYS)

CCD POINTS PROVIDED

COURSE OUTCOME

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

1. Operate a 3D parametric modelling tool
2. Translate the design intent that will used in developing a technical model
3. Develop a 3D BIM Infrastructure (Roads & Highways)
4. Produce and provide relevant design results such as drawings, list of materials, etc.
5. Use BIM 3D model as a tool of interaction, communication and collaboration
6. Apply BIM-based process flow of technical modelling
7. Identify problems & associated challenges in delivering civil BIM-based process flow

PRE-REQUISITE

- Has attended BIM Concept and Theory
- Knowledgeable in costing, quantity surveyor or project management
- CAD drafting or modelling experience in road design and construction project is an extra advantage
- Basic knowledge of BIM tools and concept

BIM MODELLING OF INFRASTRUCTURE (ROADS & HIGHWAYS

COURSE OUTLINE

DAY 1
- FUNDAMENTAL BIM INFRASTRUCTURE (ROADS & HIGHWAYS)
- INTRODUCTION TO BIM AUTHORING TOOLS
- MANAGING SURVEY DATA

DAY 2
- CREATING SURFACE
- CREATING ROAD ALIGNMENT
- CREATING AND CALCULATING SUPERELEVATION

DAY 3
- CREATING ASSEMBLIES AND INSERTING SUB ASSEMBLIES
- CREATING CORRIDOR AND INTERSECTION

DAY 4
- SAMPLE LINES, CROSS SECTION VIEWS AND COMPUTE MATERIALS
- PLAN PRODUCTION AND REPORTS
- DESIGN COLLABORATION

DAY 5
- CIDB FUNDAMENTAL MODELLING OF INFRASTRUCTURE (ROADS & HIGHWAYS) EXAM

myBIM Malaysia

mybimmalaysia

FOR MORE INFORMATION

03-4040 0399

mybim.cidb.gov.my

info@econstruct.com.my

myBIM Centre, 11th Floor,
Sunway Putra Tower,
100, Jalan Putra, 50350
Kuala Lumpur