

DEVELOPING A SUCCESSFUL BIM EXECUTION PLAN

Success of BIM project depends on

BIM Execution Plan

CSG Training Centre | Authorized Autodesk Training Centre | Certiport Authorized Testing Centre

FOR WHOM

Building and Construction Personnels, any new user of Revit

PRE-REQUISITION

Working knowledge of Windows Operating Systems.
Attendee must have previous BIM experience in the form of having being part of project where BIM was implemented even if their role was not a direct BIM operational role.

DURATION | VERSION

1 DAY, Version 2021

COURSE OBJECTIVES

The Training covers the basics of Revit Architecture, from architectural schematic design through construction documentation. Participants are introduced to the concepts of Building Information Modelling and the tools for parametric design and documentation.

We also provide real live project situations solving tips by Trainers who possesses actual site experiences and also live project datasets for you to work-on.

COURSE TOPICS

Introduction

1. Current level of integration of BIM across the industry
2. Why the need for a BIM Execution Plan

Defining a BIM Execution Plan

The Objectives of a BIM Execution Plan

1. The role of the BIM Execution Plan
2. Who should write the BIM Execution Plan
3. One or several BIM Execution Plans required

The Structure of a BIM Execution Plan

1. How to organize the BIM Execution Plan
2. Functional aspect of a BIM Execution Plan

Creating a BIM Execution Plan

Identify the BIM Objectives Suited for a Project

1. Understand the end client requirements
2. Assess the project stakeholders readiness and capabilities
3. Appreciate and manage the risk factors

COURSE TOPICS

Develop the BIM Execution Procedures

1. Define BIM process
2. Define QA process
3. Define KPIs

Set the BIM Standard to work with the BIM Execution procedures

1. Information Exchange Standards
2. Model Content Standards
3. Model Health Checks and QA Standards

Implementing a BIM Execution Plan

Implementation Planning

1. Develop the implementation planning according to the Project Planning

Implementation Strategy

1. The role of the BIM Manager in the BIM Execution Plan Implementation
2. The Implementation – Testing – Validation sequence

Contractual Requirements

1. Understand the impact of the BIOM Execution plan being a contractual document
2. Manage the BIM Deliverables from a contractual aspect

Resources used in this course include real project material from the following projects:

- Singapore Sports Hub, Singapore
- Perth City Link, Perth, Australia
- Limmiviva Hospital, Zurich, Switzerland
- Byculla Rowers, Mumbai, India
- CSG Project 1
- CSG Project 2
- CSG Project 3

Partnered with:

