

## Certification Course in

# BIM Modelling (MEP Track)

### INTRODUCTION

Building Information Modelling (BIM) is a process that involves the generation and management of the information about a facility. BIM allows for great integration and collaboration among different building professionals of various disciplines to explore digitally, and can be used throughout the entire building process from design stage through construction stage and even post construction building management.

Currently, majority of the building plans have to be submitted in BIM format for regulatory approval. This 4-day Certification Course in BIM Modelling (Architecture / MEP / Structure track) aims to develop BIM capability and capacity in the industry so that firms could be ready for the full BIM implementation by 2015.

### OBJECTIVES

The objectives of this course are:

- To provide an understanding of BIM processes and benefits
- To equip participants the practical 3D BIM MEP Modelling skills and technical knowledge to start and support a project using BIM.
- To enable participants to be familiar with the e-submission template guideline

### CONTENTS

- BIM fundamentals
- BIM Tool User Interface
- Modelling a project
  - ACMV
  - Plumbing and Sanitary
  - Fire protection system
  - Electrical system
  - Project documentation
- E-Submission project template
- Worksets and Worksharing
- DOL creation

### LECTURERS

Practitioners from the built environment sector.

### ASSESSMENT AND AWARD

Certificate of Successful Completion (CSC) will be awarded to participants who meet the attendance requirement and pass the required assessment.

### PREREQUISITE

Applicants for this BIM Modelling Certification Course should possess CAD drafting / modelling experience in building and construction project.



### DETAILS

**Date:** 22 - 25 Mar 2022

**Duration:** 4 days (32 hours)

*Note: There will be interactive self-learning during the training.*

**Time:** 9.00am to 6.00pm

**Venue:** BCA Braddell Campus

**Fees** (incl of GST):

S\$1,980 (without Subsidy)

S\$854.77 (with WTU funding support for eligible local participants)

*\*For more information on the funding requirement, please refer to <http://www.bca.gov.sg/manpower/wtu.html>*

*Effective 1 Apr 2022, the course fee will be revised to S\$2,150 (incl. GST). To enjoy the current course fee, completed registration with payment must be received by BCA Academy latest by 28 Mar 2022. WTU funding will be transited to SSG funding from 1 Apr 2022. Details of SSG's funding can be found in <https://www.enterprisefirstskills.gov.sg/content/upgrade-skills/course-fee-and-absentee-payroll-funding.html>*

*In keeping with our green and sustainable practices, course notes will be available in e-format.*

### TARGET AUDIENCE

- Modellers
- Project Coordinators
- Designers
- Engineers
- Project Managers



### REGISTRATION

Visit BCA Academy Online StoreFront (OSF) @  
<https://eservices.bcaa.edu.sg/registration/#/login> (Course code: 77M75)