

TVET Digitalised Competency and Professional Certification Programs 2025

- Student Special Price

OPENBIM-IPT

Program Name	INTEGRATION AND COLLABORATION BASED ON OPEN BIM PRINCIPLES
About	In the real world situation, parties in projects are utilising various types of software and thus proper workflows are required. The solution to the problem is this hands-on training on integration and collaboration based on principles of open Building Information Modelling (BIM) by utilising various BIM software
Objectives	<ul style="list-style-type: none">• Introduce participants to Industry Foundation Classes (IFC), BIM Dimension, BIM Collaboration Format (BCF) and Construction Operations Building Information Exchange (COBie)• Produce basic BIM modelling projects using various BIM software• Perform cost estimation, project scheduling and facility management features using various BIM software
Who should join	Clients, consultants, contractors, manufacturers, academicians, students and all others who wish to have a quick grasp of hands-on integration and collaboration based on open BIM principles
Pre-requisites	<ul style="list-style-type: none">• Hardware with graphic cards (GPU) are required for installation of the various BIM Software• Prior basic experience in CAD or BIM is preferred but not compulsory
Module Content	<ul style="list-style-type: none">• Introduction to IFC• Basic BIM Architecture, M&E and C&S modelling using several BIM software• Clash detection approach using several software• Introduction to BIM Dimension, BCF and COBie• Hands-on cost estimation, work scheduling and facility management features using open source BIM software• Course Test
Duration	2 days
Certificates (Attendance / Professional / Competency)	<ul style="list-style-type: none">• Competency Certificate: Integration and Collaboration Based on Open BIM Principles
Issued by	Innovacia Sdn Bhd
Method (F2F/Online)	Online
Your investment	RM500 for Students; minimum 20 pax/group (Note: RRP RM1,500 / pax)

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