建造專業進修院校 SCHOOL OF PROFESSIONAL DEVELOPMENT IN CONSTRUCTION

香港建造學院 HONG KONG INSTITUTE OF CONSTRUCTION

資歷架構 Qualifications Framework

BTND / BTNE

Certificate of Building Information Modelling (BIM) Viewer in Trimble Connect and Navisworks Freedom

建築信息模擬 (Trimble Connect 及 Navisworks Freedom) 閱覽員證書

This programme aims to train up construction practitioner with the ability and knowledge of BIM viewing and commenting skills. Instructed by the Lecturer to learn the "Teaching and Learning Kit for BIM Viewers" developed by Construction Industry Council (The Kit is intended for self-learning or instructor-led training).

本課程旨在培訓建造業從業員使用BIM軟件的閱覽及標記技術的知識及能力。經講師指導以學習建造業議會開發的「建築信息模擬閱覽員教學資源套件」（可供從業員自學或進行講師指導的培訓）。

	BTND	**BTNE**
Lecturer 講師	Professionals 專業人士	
Medium of Instruction 授課語言	Cantonese supplemented with English technical terms 廣東話輔以英文技術用語 Only English version of the course materials and computer software is used for teaching in class 本課堂以英文版本的教材及電腦軟件教學 Only English versions of assignments and examination papers will be used for assessment in class. 本課堂採用英文版本習作及考試卷作評核	
Mode of Attendance 授課形式	Part-time day course 日間部份時間制： 09:00-16:00	Part-time evening 夜間部份時間制： 19:00-22:00
Duration 授課期	6 hours x 1 session 6小時 x 1堂	3 hours x 2 sessions 3小時 x 2堂
Award of Certificate 證書頒發	Students who attended 6 hours of the programme and obtained 50% or above in the Final Assessment will be considered as having successfully completed the programme and awarded the Completion Certificate. 學員出席6小時課程及於期末評核取得50分或以上成績，可獲得結業證書。	
Re-Exam 補考	The course offers only one re-exam opportunity. The fee for the re-exam is HK$100. 課程僅提供一次補考機會，補考費用為港幣$100元	
Venue 上課地點	HKIC Kowloon Bay Campus, 44 Tai Yip Street, Kowloon Bay, Kowloon 九龍 九龍灣大業街 44 號香港建造學院九龍灣院校	
Admission Requirements 入學條件	1. Interest in working in the construction industry; and 2. Basic computer literacy (e.g., ability to use word processing software, send and receive emails, and browse the internet). 1. 有興趣從事建造業相關工作；及 2. 具備基本的電腦知識。(如：懂得於電腦上操作文書軟件、電子郵件收發或瀏覽互聯網等)	
Course Fee 課程費用	$880.00	
Enquiry 查詢課程	2100 9000 / 2100 9891	
Recognition 認可資歷	This programme is recognized under the Hong Kong Qualifications Framework. 此課程已獲香港資歷架構認可。 QF Level 資歷級別：2 QF Registration No. 資歷名冊登記號碼：26/000443/L2 Registration Validity Period 登記有效期：27/03/2026 - 31/08/2030	
Application Method 報名方法	BTND / BTNE Please submit your online application through the course website. 請透過課程網站提交網上申請。	

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Course Content 課程內容

1. Introduction to BIM

- What is BIM?
- Why use BIM?
- Typical roles and responsibilities of a BIM team
- Information management workflow
- BIM models for coordination meetings
- Role of engineering in BIM workflow
- Why should you know how to view a BIM model
- Benefits of BIM
- What assistance can BIM provide?
- Role of a BIM viewer
- BIM Viewer software
- CIC resources for practitioners

2. BIM Viewer Software Operation Training - Navisworks Freedom

- Autodesk Navisworks
- Opening a model
- Interface
- Navigation, selecting items
- Viewpoints
- Sectioning
- Measurement
- Printing

3. Introduction to OpenBIM

- What is OpenBIM？
- Why is OpenBIM needed？
- Common BIM data formats and open formats（BCF、IFC、IDM、bSDD、MVD）
- IFC – Universal BIM “open standard format”
- BCF - BIM Collaboration Format
- IDM – Information Delivery Manual
- bSDD（buildingSMART Data Dictionary）
- MVD – Model View Definition

4. Workflow and Information Standards

- Technical Circulars
- BIM Standard
- Project Information
- Joint Operation Strategy
- Information Management Workflow

5. BIM Viewer Software Operation Training - Trimble Connect

- Trimble Connect
- Opening a model
- Interface
- Navigation, selecting items
- Selecting item/objects
- Selecting
- Measurement
- Viewpoints
- Online viewing platform/software for computer or mobile devices

6. Assessment