

BTYD / BTYE

Certificate in BIM Basic Structural Modelling and Basic Analysis with Revit, Tekla Structures and YJK

建築信息模擬 (Revit、Tekla Structures 與 YJK) 基礎結構建模與分析證書

This programme provides a practical introduction to BIM for structural design and analysis, utilizing Revit, Tekla Structures, and YJK. It equips participants with the skills to operate BIM structural models across these software platforms.

本課程為結構設計與分析範疇的 BIM 提供實務入門訓練，並採用 Revit、Tekla Structures 及 YJK 等軟件平台進行教學。課程旨在培養學員於不同軟件平台上操作 BIM 結構模型的實務技能。

	BTYD	BTYE
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 to 16:00 & 09:00 to 18:00	Part-time evening 夜間部份時間制： 19:00-22:00 & 19:00-21:00
Duration 授課期	6 hours x 2 sessions & 8 hours x 1 session 6小時 x 2堂 及 8 小時 x 1堂	3 hours x 6 sessions & 2 hours x 1 session 3小時 x 6堂 及 2 小時 x 1堂
Admission Requirements 入學條件	- Aged 18 or above (as of the programme completion date) - Attained Level 2 or above in five subjects in the Hong Kong Diploma of Secondary Education (HKDSE) Examination, or equivalent qualifications - Successfully completed a diploma or certificate programme in construction engineering or related discipline, or equivalent qualifications - Possess at least one year of relevant work experience in structural engineering within the construction industry (supporting employment proof is required) - Proficient in spoken Cantonese and able to read and understand English	
Award of Certificate 證書頒發	Completion certificate - Attended 20 hours and passed the examination 結業證書 - 出席課程20小時及考試合格	
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	
Course Fee 課程費用	\$1,460.00	
Enquiry 查詢課程	2100 9000 / 2100 9526	
Application Method 報名方法	BTYD / BTYE 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. Revit Basic for Structure	Interface & Navigation
	Import Grid Level & Structural Elements and Working Platform
	Basic Reinforcement Detailing
	Linking Architecture & MEP Models
	Drawing Production (Plans, Sections, Schedules)
	Assignment 1
2. Tekla Structure	Interface & Modelling Tools
	Connections & Detailing
	Concrete Rebar Modelling
	Generate Structural Drawing
	IFC Export/Import for Collaboration
	Assignment 2
3. YJK BIM Software	Interface & Setup
	Import Grid Level, Structural Element and working platform
	Import and work with Revit/CAD file
	Structure Analysis Model
	IFC Export/Import for Collaboration
	Assignment 3
4. Examination	Assess the knowledge and skills of structural modelling in BIM