

BODZ / BOEZ

Building Information Modelling (BIM) Objects Development Course

建築信息模擬物件建造課程

Introduce the basic concepts and fundamental principles of production of BIM objects; Introduce relevant rules, guidelines, practices and regulations in Hong Kong; Develop general modelling way of production of BIM objects; Develop parametric modelling way of production of BIM objects.

介紹製造建築信息模擬物件的基本概念和原理、香港相關的規則、指引、做法和規例；以及製造建築信息模擬物件的一般及參數化的建模方法。

	BODZ	BOEZ
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： 09:00-17:00	Part-time evening 夜間部份時間制： 19:00-22:00
Duration 授課期	7 hours x 3 sessions 7小時 x 3堂	3 hours x 7 sessions 3小時 x 7堂
Award of Certificate 證書頒發	1) Completion certificate - Attended 2.5 days or above, submitted course work and attained the passing requirements and passed the examination. 2) Certificate of attendance - Attended 2.5 days or above. 1) 結業證書 – 出席課程2.5天或以上，提交作業並達到要求及考試合格。 2) 出席證書 – 出席課程2.5天或以上。	1) Completion certificate - Attended 6 sessions or above, submitted course work and attained the passing requirements and passed the examination. 2) Certificate of attendance - Attended 6 sessions or above. 1) 結業證書 – 出席課程6堂或以上，提交作業並達到要求及考試合格。 2) 出席證書 – 出席課程6堂或以上。
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	Basic knowledge* with hands-on experience in Revit is required. Good command of English is required. 必須具備基本的Revit知識*及操作經驗。需具有良好英語水平。 *Please refer to CIC BIM Basic Modelling Course – Revit for information *詳情請參閱建築信息模擬基礎課程	
Course Fee 課程費用	\$2,200.00	
Enquiry 查詢課程	2100 9000 / 2100 9525	
Application Method 報名方法	Please apply online on SPDC portal 請透過建造專業進修院校的 網上報名系統 報名	

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Course Content 課程內容

Basic Concepts

- Introduction and background of BIM use and BIM object.
- Important of Purpose Driven BIM Object.
- Revit Family hierarchy, libraries and resources.

Fundamental Family Modelling

- Concept of family category and subcategories.
- Creation of solid and void geometry.
- Concept of Family Parameter, Type and Instance Parameter.
- Introduction of visibility control.
- Flex the Family Framework.

Advanced Family Modelling

- Introduction of shared parameters.
- Creation and application of parametric relationship.
- Introduction of formulas.
- Introduction of nested family.
- Creation of rotation component.
- Creation and application of annotation families.
- Introduction of MEP Components

Workshop

- Case study.
- Hands-on modelling from geometry to parametric relationship.
- Introduction of import geometry from other programs.
- Introduction of BIM Object Library Report and BIM Object Check Form.

Summary Assignment & Examination