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

CITF 建造業創科基金
CITF Pre-approved Course

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 廣東話	
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。
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