

BIC (M) / BIS (M)

Building Information Modelling (BIM) Advanced Modelling Course (Structure) - Revit

建築信息模擬進階課程(結構) - REVIT

Participants will learn how to: 1. Create and manage various structural components according to common BIM practice in Hong Kong; 2. To develop a suitable analytical BIM model for further structural analysis and collaborations; 3. To learn how to produce drawing for BD submissions and to carry out collaboration internally and externally with other disciplines in BIM work flow.

	BIC (M)	BIS (M)
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： 09:30-17:00	Part-time evening 夜間部份時間制： 18:30-21:30
Duration 授課期	6 hours x 5 sessions 6小時 x 5堂	3 hours x 10 sessions 3小時 x 10堂
Commencing Date 開課日期	To be confirmed 待定	29/07/2019 (Monday & Thursday 週一及週四)
Award of Certificate 證書頒發	1) Completion certificate - Attended 4 days or above, submitted course work and attained the passing requirements and passed the examination. 2) Certificate of attendance - Attended 4 days or above. 1) 結業證書 - 出席課程4天或以上，提交作業並達到要求及考試合格。 2) 聽講證書 - 出席課程4天或以上。	1) Completion certificate - Attended 8 sessions or above, submitted course work and attained the passing requirements and passed the examination. 2) Certificate of attendance - Attended 8 sessions or above. 1) 結業證書 - 出席課程8堂或以上，提交作業並達到要求及考試合格。 2) 聽講證書 - 出席課程8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; Minimum 2 years structural engineering experience is preferable. Good command of English is required. 必須具備基本的Revit知識*及操作經驗。不少於2年結構工程經驗更佳。需具有良好英語水平。 <i>*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</i>	
Course Fee 課程費用	\$2,500.00	
Enquiry 查詢課程	2100 9000 lutherlai@hkic.edu.hk	
Application Form 報名表格	Please use the 'BIC/BIS' course application form 請使用印有「BIC/BIS」之報名表	

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Building Information Modelling (BIM) Advanced Modelling Course (Structure) - Revit

建築信息模擬進階課程(結構) - REVIT

<p>Course Content 課程內容</p>
<p>Start Structural project by integrating project data</p> <ul style="list-style-type: none"> • Link model with Copy and Monitor • Import and Export CAD DataSpace
<p>Modelling on Structural discipline</p> <ul style="list-style-type: none"> • Structural Wall • Column • Tapered Concrete Columns • Floor • Slabs on Composite Metal Deck • Precast Hollow Core Slabs • Structural Framing (Beams) • Cranked Beams • Beam System • Structural Foundation • Pile and Pile Caps • Isolated Foundation • Wall Foundation • Slab Foundation (Raft) • Trusses and Steel Connections • Steel Bracing • 3D reinforcement • Staircases and Ramp
<p>Structural Analysis</p> <ul style="list-style-type: none"> • Preparing Analytical Model • Loads and Load Combinations • Support (Fixed, Pinned, and Partial) • Creating Loading Schedules • Carry out structural analysis based on BIM model • BIM Model linked with common Structural Analysis programs in Hong Kong
<p>Create / customize Families (Structural)</p> <ul style="list-style-type: none"> • Systems Families • Component Families • In Place Families • Shared Project Parameters • Create a customize Column Family • Create a customize Beam Family
<p>Drawing Production</p> <ul style="list-style-type: none"> • From 3D to 2D Drawing productions • Prepare GA, Structural Plan, Sections, and R.C. views for BD submissions using Revit
<p>Model Standard (Structural)</p> <ul style="list-style-type: none"> • Understanding BIM Standards in Hong Kong • Level of Development for Structural Elements
<p>Collaborate with team</p> <ul style="list-style-type: none"> • Work sharing by using Workset • Copy and monitor Cross discipline model • Revision Tracking • Legend • Walk Through and Clash Detection by Naviswork • Cloud Collaboration using BIM 360

Application for Admission to 報讀課程 (Please mark ✓ in the appropriate box 課程選擇)

<input type="checkbox"/> Building Information Modelling (BIM) Advanced Modelling Course (Architecture) - Revit 建築信息模擬進階課程(建築設計) - Revit	<input type="checkbox"/> Day course 日間課程 (BIB) <input type="checkbox"/> Evening course 夜間課程 (BIA)
<input type="checkbox"/> Building Information Modelling (BIM) Advanced Modelling Course (Structure) - Revit 建築信息模擬進階課程(結構) - Revit	<input type="checkbox"/> Day course 日間課程 (BIC) <input type="checkbox"/> Evening course 夜間課程 (BIS)
<input type="checkbox"/> Building Information Modelling (BIM) Advanced Modelling Course (MEP) - Revit 建築信息模擬進階課程(裝備) - Revit	<input type="checkbox"/> Day course 日間課程 (BID) <input type="checkbox"/> Evening course 夜間課程 (BIE)

Notes to Applicant 申請人注意：

- Please fill in the form in single language (unless requested otherwise) 請以單一文字填寫(特別註明除外)
- Personal Information should correspond with that on your HKID Card 填報之個人資料應與香港身份證相同
- Photocopy of this Application Form is acceptable 本學院接受申請表影印本
- Applications in person should be submitted to Hong Kong Institute of Construction, Centre for Professional Development, 4/F., Kowloon Bay Campus, 44 Tai Yip Street, Kowloon Bay, Kowloon or mail to 38/F, COS Centre, 56 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong Institute of Construction or fax to 2100 9575 申請表可親身交往：九龍灣大業街 44 號 九龍灣院校 4 樓 香港建造學院 專業發展中心 或郵寄往九龍觀塘駿業街 56 號中海日升中心 38 樓 香港建造學院 或傳真至 2100 9575。
- Applicants will be arranged to pay course fee only after application is accepted unless noted otherwise. Paid Course Fee is not refundable.
申請人在被取錄後，將獲通知繳交學費及上課詳情，已繳交之學費，將不會獲退回。

201819v2

Personal Particulars 個人資料 (Please write in capital letters 請用正楷填寫)

Name (Chinese): 姓名(中文) _____ Name (English): 姓名(英文) _____
(As shown on HKID or Passport 按香港身份證或護照所示)

Date of Birth : Y 年 M 月 D 日 Age : 年齡 Sex : 性別 HKID No. : _____ ()
出生日期 _____ 身份證號碼 _____

Tel. No. 電話 : (Day 日) _____ Mobile 手提電話 : _____ Fax No. 傳真號碼 : _____

Mailing Address 通訊地址 : _____ Email Address 電郵地址 : _____

Present Employer 現職公司 / 僱主名稱 : _____ Position 職位 : _____

Education Level 教育程度
 Primary 小學 Secondary 中學 Tech. Inst. 工業學院 University / College 大學 / 專上學院 Professional / Others 專業 / 其他 _____

Related Qualifications 相關資歷 (1&2):

- I have minimum 2 years Architecture/Structure/MEP engineering experience. Projects: _____
本人具有不少於2年建築設計/結構/裝備工程經驗。項目: _____
 - I have knowledge and hands-on experience in Revit. I have completed relevant course at _____
in _____ (attached copies of relevant supporting documents).
本人具備基本的Revit知識及操作經驗，曾於_____年在_____修畢相關課程(請提供證書影印本)。
- or I have completed BIM Basic Modelling Course-Revit at HKIC(CIC). 本人曾經修讀香港建造學院(建造業議會)建築信息模擬基礎課程-Revit。

《 Personal Data Collection Statement 》 《 收集個人資料聲明 》

- The information you provide to the Hong Kong Institute of Construction (the HKIC), including any personal data as defined in the Personal Data (Privacy) Ordinance (the Ordinance), will be used solely for purposes related to the activities of the HKIC.
你向香港建造學院(「學院」)所提供的資料，包括《個人資料(私隱)條例》所指的個人資料，只會用於相關學院之活動。
 - To keep you informed of HKIC activities and industry developments which may be of interest, the HKIC would like to use your personal data, including your name, phone number and correspondence and email addresses, to update you in relation to training courses, trade testing, registration, events and other aspects of its work and the construction industry.
為讓你得知最新的學院活動和行業內發展情況，學院將使用你的個人資料，包括你的姓名、電話號碼、郵寄和電郵地址，將有關訓練課程、測試、註冊、活動項目、學院工作和建造業其他方面的最新資訊提供給你。
 - You are free to decide whether you wish to receive such information. If you choose not to do so, please put a tick in the box below.
你可選擇是否同意接收上述資訊。若不同意的話，請於下列有關拒收資訊一欄之空格內加上「✓」號。
 - You are also entitled to request access to and correction of any errors in your personal data. If you wish to do so please write to the HKIC at 38/F, COS Centre, 56 Tsun Yip Street Kwun Tong, Kowloon.
你有權要求查閱及修正你的個人資料。有關申請須以書面向香港建造學院提出，地址為九龍觀塘駿業街56號中海日升中心38樓。
- I do not wish to receive any information from the HKIC in relation to its activities developments in the construction industry
本人不同意日後接收由香港建造學院發出有關學院活動和與建造業相關的資訊。

Declaration 聲明

- I declare that all information given in this application form is, to the best of my knowledge, accurate and complete. If any false information is given, the application is deemed to be invalid and I shall forfeit my right to apply for this course.
本人聲明本報名表內所載一切資料，依本人所知均屬真確，並知道倘若虛報資料，申請即屬無效，且喪失其後報讀本課程的資格。
- I consent that if registered, I will conform to the regulations of HKIC.
本人同意如本人註冊入學，當遵守香港建造學院之學生守則。

Signature of Applicant 申請人簽署 _____ Date 日期 _____

To be completed by the applicant for sending admittance notice. 此欄由申請人清楚填寫

Name 姓名 : _____

Mailing Address 通訊地址 : _____