



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

BRTD / BRTE

Building Information Modelling (BIM) Basic Course in Rebar Bending & Fabrication - Tekla Structures

建築信息模擬基礎課程(鋼筋屈紮與製作) - Tekla Structures

本課程旨在培訓鋼筋製作行業或結構工程從業員使用BIM軟件（Tekla Structures）的基本知識和技能，以進行鋼筋3D模型與生產圖製作。

The objective of this programme is to equip practitioners with knowledge and basic skills in using BIM software (Tekla Structures) for rebar 3D model and fabrication drawing.

	<u>BRTD</u>	<u>BRTE</u>
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： 09:00-12:00	Part-time evening 夜間部份時間制： 19:00-22:00
Duration 授課期	3 hours x 1 session 3小時 x 1堂	3 hours x 1 session 3小時 x 1堂
Award of Certificate 證書頒發	1.) Completion Certificate I) Achieved 100% attendance; and II) Pass the final assessment (passing mark is above 50%). 1.) 結業證書 I) 出席整個課堂 (100%出席率) 及 II) 考試合格 (合格分數為50%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	1.) Completed S.3 Level or above and, 2.) At least one year of work experience in rebar construction or related industry, or in structural design or related task. 3.) Experience with using a Windows PC preferable. 1.) 完成中三或以上學歷，並且； 2.) 具有至少一年鋼筋製作或結構設計或相關工作行業經驗。 3.) 具備使用電腦的經驗者優先。	
Course Fee 課程費用	\$790.00	
Enquiry 查詢課程	2100 9000 / 2100 9891	
Application Method 報名方法	BRTD / BRTE 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 of Basic Concepts and Principles

- Understand the principles of BIM in the context of rebar bending and fabrication.

2. BIM for Rebar Fabrication

- Utilise Tekla Structures to prepare BIM models with details of rebars for construction projects.

3. BIM Workflow in Rebar Fixing Object Presentation Styles

- Apply BIM workflows to improve efficiency and accuracy in rebar-related tasks with real case.

4. Automatic Document Generation by BIM

- Generate fabrication documents and data from Tekla Structures.

5. Examination General Notes and Miscellaneous Information

- Assess the knowledge and skills of Tekla Structures.

1. 基本概念和原理介紹

- 了解鋼筋屈紮與製作方面的建築信息模擬原理

2. 基於建築信息模擬之鋼筋製造

- 運用Tekla Structures製作建造項目的鋼筋建築信息模擬模型

3. 鋼筋屈紮的建築信息模擬工作流程

- 透過應用建築信息模擬工作流程提升鋼筋相關工作的效率及準確度

4. 建築信息模擬的自動檔案生成

- 於Tekla Structures生成鋼筋製造相關檔案及數據

5. 考試一般注意事項及其他資訊

- 評估對Tekla Structures的知識和技能