BCDZ / BCEZ
Building Information Modelling (BIM) Basic Modelling Course (Civil) – Civil 3D
建築信息模擬基礎課程 (土木工程) – Civil 3D

Learning and understanding the Civil 3D interface; Basic Operation; Create Parcel; Survey; Surface creation; Roadway design; Plan production and analysis.
學習及明白Civil 3D介面；基本操作；創建宗地；測量；地面建立；道路設計；建立平面圖及分析。

	BCDZ	**BCEZ**
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： 09:00-17:30	Part-time evening 夜間部份時間制： 19:00-22:00
Duration 授課期	7.5 hours x 4 sessions 7.5小時 x 4堂	3 hours x 10 sessions 3小時 x 10堂
Award of Certificate 證書頒發	1) Completion certificate - Attended 3.5 days or above, submitted course work and attained the passing requirements and passed the examination. 2) Certificate of attendance - Attended 3.5 days or above. 1) 結業證書 – 出席課程3.5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3.5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) 出席證書 – 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	Have basic computer literacy skills. Experienced in construction industry is highly preferred. Good command of English is required. 必須具有基本電腦操作知識。擁有建造業經驗人士更佳。需具有良好英語水平。	
Course Fee 課程費用	$2,410.00	
Enquiry 查詢課程	2100 9000 / 2100 9891	
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	

BCDZ / BCEZ
Building Information Modelling (BIM) Basic Modelling Course (Civil) – Civil 3D
建築信息模擬基礎課程（土木工程) – Civil 3D

Course Content 課程內容

Introduction to BIM
- What is BIM
- Different between BIM and CAD
- Civil Engineering Project Requirment
- What is Civil 3D
- Civil 3D interface
- Terms use in Revit

Basic Operation
- Mouse navigation & selection
- View cube
- Toolspace, Prospector, Settings Survey & Toolbox
- Basic Draw and modify

Create Parcel
- Create Parcel by object, Automatic Layout
- Annotating Parcels, create Parcel reports

Survey
- Import survey data
- Survey Point & Figure
- Point & Point Group
- Anotate points and create reports

Surface for Existing Condition
- Create Surface from different data
- Contour data, breakline and survey data import
- Editing Surface
- Annotation & Labels
- Create surface from point cloud
- Surface Analysis

Roadway design
- Alignment
- Profile & Assembly
- Corridor
- Corridor Surface
- Roadway design analysis

Plan Production
- Plan and Profile drawing
- Sheet set
- Design Analysis

Summary Assignment & Examination