

B3DZ / B3EZ

Building Information Modelling (BIM) Advanced Modelling Course (Civil) – Civil 3D

建築信息模擬進階課程 (土木工程) – Civil 3D

The course aims at providing participants with advanced training to use Civil 3D as a civil engineering BIM solution. 本課程旨在提供進階培訓予參與者，以掌握使用Civil 3D作為土木工程建築信息模擬的解決方案。

	<u>B3DZ</u>	<u>B3EZ</u>
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	Basic knowledge* with hands-on experience in Civil 3D is required; Minimum 2 years Civil engineering experience is preferable. Good command of English is required. 必須具備基本的Civil 3D知識*及操作經驗。不少於2年土木工程經驗更佳。需具有良好英語水平。 *Please refer to CIC BIM Basic Modelling Course – Civil 3D for information 詳情請參閱建築信息模擬基礎課程	
Course Fee 課程費用	\$3,020.00	
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	



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Course Content 課程內容
Civil 3D Bridge Extension <ul style="list-style-type: none">• Create Bridge Corridor• Generate Structural Elements
Grading <ul style="list-style-type: none">• Creating and Editing Feature Lines• Grading Objects• Grading Volumes
Pipe Networks <ul style="list-style-type: none">• Configuring Pipe Networks• Creating a Pipe Network from Objects• Laying Out a Pipe Network• Editing Pipe Networks• Interference Checking with Pipe Networks• Annotating Pipe Networks• Pipe Reporting
Pressure Pipe Networks <ul style="list-style-type: none">• Configuring Pressure Pipe Networks• Creating A Pressure Pipe Network from Objects• Laying Out a Pressure Pipe Network• Editing Pressure Pipe Networks• Interference Checking with Pressure Pipe• Adding Pressure Pipe Networks to Different Views• Annotating Pressure Pipe Networks
Quantity Take-off <ul style="list-style-type: none">• Section Volume Calculations• Earthwork Volumes• Material Volumes• Quantity Take-off• Mass Haul Diagrams
Creating Sheets <ul style="list-style-type: none">• Creating Plan Sheets• Creating Cross Section Sheets• Sheet Sets Overview
Parcels <ul style="list-style-type: none">• Creating Parcel from Objects• Row Parcels• Editing and Labelling Parcels• Parcel Tables and Reporting
Civil 3D Borehole Management <ul style="list-style-type: none">• Data Management• Import Geotechnical Data• Asset Management• Strata Surfaces
Subassemblies Advance <ul style="list-style-type: none">• Creating a subassembly• Importing a subassembly into AutoCAD Civil 3D• Editing a subassembly• Using Target Parameters in a Subassembly• Adding conditional Behaviour to a subassembly• Calculation parameter values
Parts Builder <ul style="list-style-type: none">• Parametric Parts• Part Configuration• Modelling a part in part builder• Using work planes in Part Builder• Defining Geometry in Part Builder• Dimension in Parts Builder• Constraints in Part Builder• Creating Profiles in Part Builder