

BNDZ / BNEZ

Building Information Modelling (BIM) Course - Navisworks

建築信息模擬課程 - Navisworks

This is the fundamental course of BIM coordination based on Navisworks platform. It helps AEC professionals review integrated models and data with stakeholders to gain better control over project outcomes. Navisworks' integration, analysis, and communication tools are able to help teams coordinate disciplines and resolve conflicts before construction begins.

此建築信息模擬課程旨在培訓建築（architecture）、工程（engineering）或建造（construction）的專業人士使用 Navisworks 與其持份者審視及整合 BIM 模型和數據，從而達致更好控制項目的成效。Navisworks 的整合、分析和溝通工具能夠幫助建築團隊在施工前協調不同界別及解決衝突。

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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： 09:00-16:00	Part-time evening 夜間部份時間制： 19:00-22:00
Duration 授課期	6 hours x 3 sessions 6小時 x 3堂	3 hours x 6 sessions 3小時 x 6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 5 sessions or above, submitted course work and attained the passing requirements and passed the examination. 2) Certificate of attendance - Attended 5 sessions or above. 1) 結業證書 - 出席課程5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5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. 必須具有基本電腦操作知識。擁有建造業經驗人士更佳。	
Course Fee 課程費用	\$2,200.00	
Enquiry 查詢課程	3199 7211 / 2100 9000 winkykwan@hkic.edu.hk	
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
<p>Getting Started</p> <ul style="list-style-type: none"> • Product Overview • Workspace Overview • Navigation • Opening and Appending Files in Navisworks • Saving, Merging, Refreshing, and Publishing Files • Selection Tree and Selecting Objects • The Autodesk Navisworks Engine • Check and Set File Units • Setting Selection Resolution and Sorting Structures • Merging NWF Files • Publish an NWD File
<p>3D Model Review</p> <ul style="list-style-type: none"> • Working with Animations in Navisworks • Setting Lighting and Rendering Options
<p>TimeLiner</p> <ul style="list-style-type: none"> • Simulation Control Bar • Configuring and Defining a Simulation • Simulation Export
<p>Animator</p> <ul style="list-style-type: none"> • Creating a Basic Animation • Manipulate Geometry Objects in an Animation Set
<p>Scripter</p> <ul style="list-style-type: none"> • Creating and Managing Scripts
<p>Quantification</p> <ul style="list-style-type: none"> • Item and Resource Management
<p>Clash Detective</p> <ul style="list-style-type: none"> • Clash Results • Clash Test Reporting • Audit Checks • Laser Scan Data Clashing • Holding and Releasing Objects • SwitchBack in Clash Detective • Time-Based Clashing
<p>Autodesk Rendering</p> <ul style="list-style-type: none"> • Material Mapping • Lighting • Sun and Sky Lights • Photorealistic Rendering
<p>Presenter Basics</p> <ul style="list-style-type: none"> • Outputting Rendered Images • Outputting Animations (Videos)
<p>Presenter Advanced Features</p> <ul style="list-style-type: none"> • Advanced Material Editing • Individual Light Effects • Light Scattering • Custom Environments • Editing a File for Image-based Lighting • Editing a File for a Background Environment • RPC (Rich Photorealistic Content)
<p>Data Tools</p> <ul style="list-style-type: none"> • Database Support (Data Tools) • About Database Support