

**BIBZ / BIAZ**

**Building Information Modelling (BIM) Advanced Modelling Course (Architecture) - Revit**

建築信息模擬進階課程(建築設計) – Revit

Learning and understanding the Coordinates in Revit; Advanced modelling; Appearance; Collaborate with team; Analysis; Create / customize Families (Architecture).

學習及明白Revit中的坐標；進階建模；外觀；與團隊協作；分析；族的創建/定製（建築設計）。

|                                | <b><u>BIBZ</u></b>                                                                                                                                                                                                                                                                                                                | <b><u>BIAZ</u></b>                                                                                                                                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lecturer<br>講師                 | Professionals<br>專業人士                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                  |
| Medium of Instruction<br>授課語言  | Cantonese supplemented with English technical terms<br>廣東話輔以英文技術用語<br>Only English version of the course materials and computer software is used for teaching in class<br>本課堂以英文版本的教材及電腦軟件教學<br>Only English versions of assignments and examination papers will be used for assessment in class.<br>本課堂採用英文版本習作及考試卷作評核           |                                                                                                                                                                                                                                                                                  |
| Mode of Attendance<br>授課形式     | Part-time day course 日間部份時間制：<br>09:00-17:30                                                                                                                                                                                                                                                                                      | Part-time evening 夜間部份時間制：<br>19:00-22:00                                                                                                                                                                                                                                        |
| Duration<br>授課期                | 7.5 hours x 4 sessions<br>7.5小時 x 4堂                                                                                                                                                                                                                                                                                              | 3 hours x 10 sessions<br>3小時 x 10堂                                                                                                                                                                                                                                               |
| Award of Certificate<br>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.<br>2) Certificate of attendance - Attended 3.5 days or above.<br>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。<br>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.<br>2) Certificate of attendance - Attended 8 sessions or above.<br>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。<br>2) 出席證書 - 出席課程8堂或以上。 |
| Re-Exam<br>補考                  | The course offers only one re-exam opportunity. The fee for the re-exam is HK\$100.<br>課程僅提供一次補考機會，補考費用為港幣\$100元                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                  |
| Venue<br>上課地點                  | HKIC Kowloon Bay Campus, 44 Tai Yip Street, Kowloon Bay, Kowloon<br>九龍 九龍灣大業街 44 號香港建造學院九龍灣院校                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                  |
| Admission Requirements<br>入學條件 | Basic knowledge* with hands-on experience in Revit is required; Minimum 2 years architectural engineering experience is preferable. Good command of English is required.<br>必須具備基本的Revit知識*及操作經驗。不少於2年建築設計工程經驗更佳。需具有良好英語水平。<br><i>*Please refer to HKIC BIM Basic Modelling Course – Revit for information</i><br>詳情請參閱建築信息模擬基礎課程 |                                                                                                                                                                                                                                                                                  |
| Course Fee<br>課程費用             | \$3,280.00                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                  |
| Enquiry<br>查詢課程                | 2100 9000 / 2100 9526                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                  |
| Application Method<br>報名方法     | <a href="#">BIBZ</a> / <a href="#">BIAZ</a><br>Please submit your online application through the course website.<br>請透過課程網站提交網上申請。                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                  |

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| <b>Course Content 課程內容</b>                                                                                                                                                                                                                                       |
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| <b>Coordinates in Revit</b> <ul style="list-style-type: none"> <li>• Project base point</li> <li>• Survey Point</li> <li>• Share Coordinates</li> </ul>                                                                                                          |
| <b>Advanced modelling</b> <ul style="list-style-type: none"> <li>• Massing &amp; Conceptual Design</li> <li>• Topo surface</li> <li>• Site Component</li> <li>• Link &amp; Grouping</li> <li>• Assembly</li> <li>• Opening</li> <li>• Room &amp; Area</li> </ul> |
| <b>Appearance</b> <ul style="list-style-type: none"> <li>• Rendering and Cloud Rendering</li> <li>• Walkthrough</li> <li>• Lighting Analysis</li> <li>• Rendering for Exterior and Interior</li> <li>• Create and Edit Material</li> </ul>                       |
| <b>Collaborate with team</b> <ul style="list-style-type: none"> <li>• Work sharing by using Workset</li> <li>• Copy and monitor Cross discipline model</li> <li>• Phasing</li> <li>• Design Options</li> <li>• Revision Tracking</li> </ul>                      |
| <b>Analysis</b> <ul style="list-style-type: none"> <li>• Legend</li> <li>• Filter</li> <li>• Solar Studies</li> <li>• Color Fill</li> <li>• Schedule / report on conceptual design</li> </ul>                                                                    |
| <b>Create / customize Families (Architecture)</b> <ul style="list-style-type: none"> <li>• Systems Families</li> <li>• Component Families</li> <li>• In Place Families</li> <li>• Shared Project Parameters</li> </ul>                                           |
| <b>Summary Assignment &amp; Examination</b>                                                                                                                                                                                                                      |