

# Autodesk Media Day

# 香港BIM 教育

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The Hong Kong Institute of  
Building Information Modelling  
香港建築信息模擬學會

http://hkibim.org/ - Windows Internet Explorer

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The Hong Kong Institute of Building Information Modelling  
香港建築信息模擬學會

**HKIBIM Launch on 8th Jan 2010**

Hong Kong Institute of Building Information Modelling (HKIBIM) was established in Jan 2009. After one year's preparation, it is proud to announce the launch of HKIBIM. On 8 Jan, 2010, the Launch was successfully held at the Hong Kong Club Building. After opening speech by Ir Francis Leung, the Chairman of HKIBIM, the first fellow member of HKIBIM, Ms Ada Fung, made her speech followed by Architect Mr David Fung, Vice Chairman, sharing the membership application method and further direction of HKIBIM. The launch ended with cocktail and networking until late night.



Click here to view the event photos.

**Link: [www.hkibim.org](http://www.hkibim.org)**

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HKIBIM Launch on 8th Jan 2010  
Official Launch of The Hong Kong Institute of Building Information Modelling (HKIBIM)

**Useful Links**

Membership Application Form: [!\[\]\(8f8876a6342d9b46b465d126247b025b\_img.jpg\) PDF format](#)

 PDF format

# HKIBIM 的目标

- 成立於**2009** 年非牟利專業團體
- 促進和推動業界對**BIM** 教育，理解，欣賞和興趣， 對建築信息作出管理；
- 建立和推進建設行業信息化管理的實踐標準。
- 建立與有關高等教育機構，政府決策局/部門，法定機構和其他組織的聯繫；
- 研究，推動和促進更好的信息化建設管理手段，在整個建築生命週期改善溝通，協調，管理，生產力，交付時間，成本和質量；
- 提供建築信息管理專業的職業指導。

**B**

= Building

建築

**I**

= Information

資訊

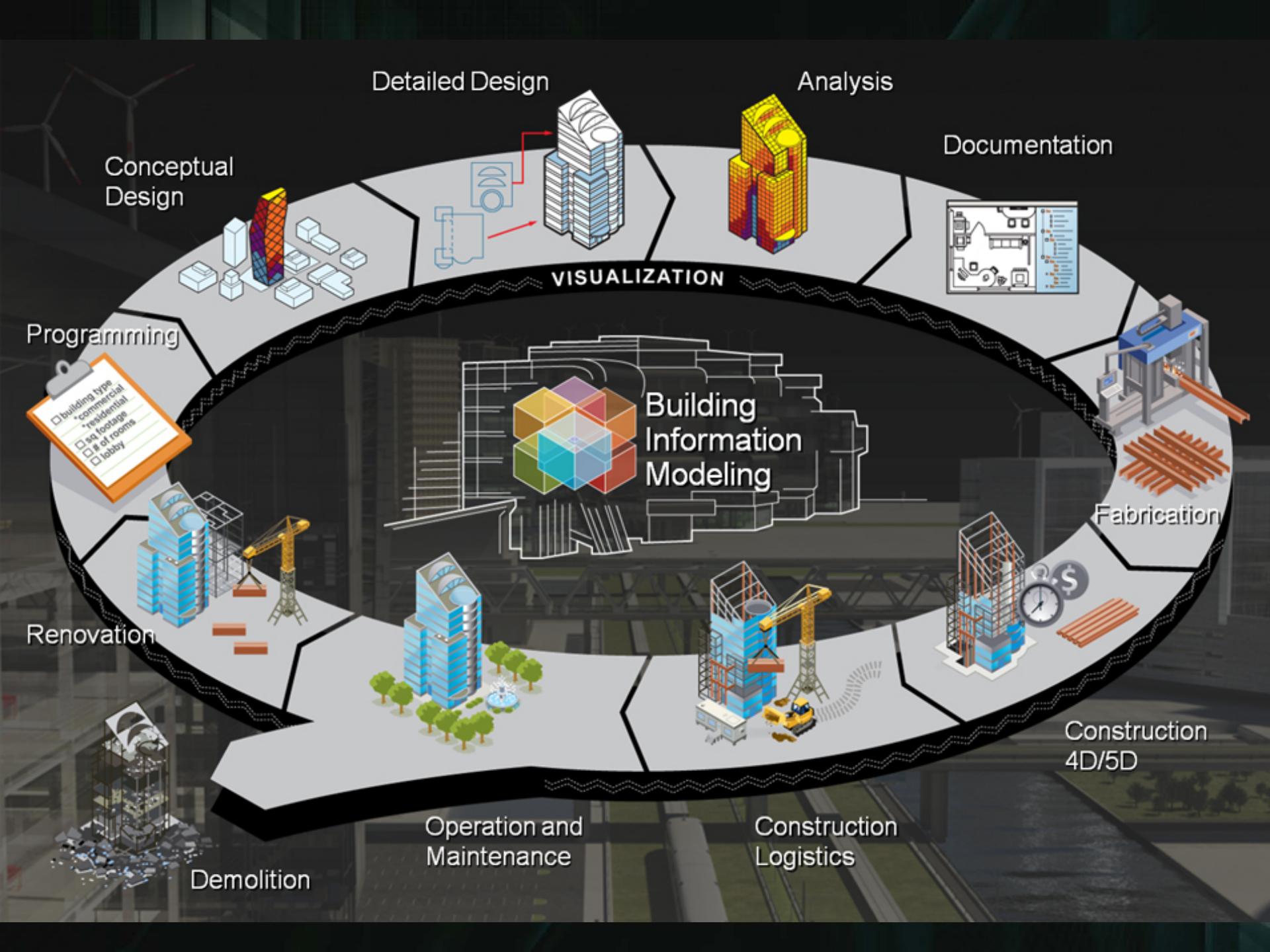
**M**

= Modelling

模型/ 模擬

建築資訊模型數位技術支撐的對建築環境的生命週期管理。

它是建築過程的數位展示方式來協助數位資訊交流及合作。



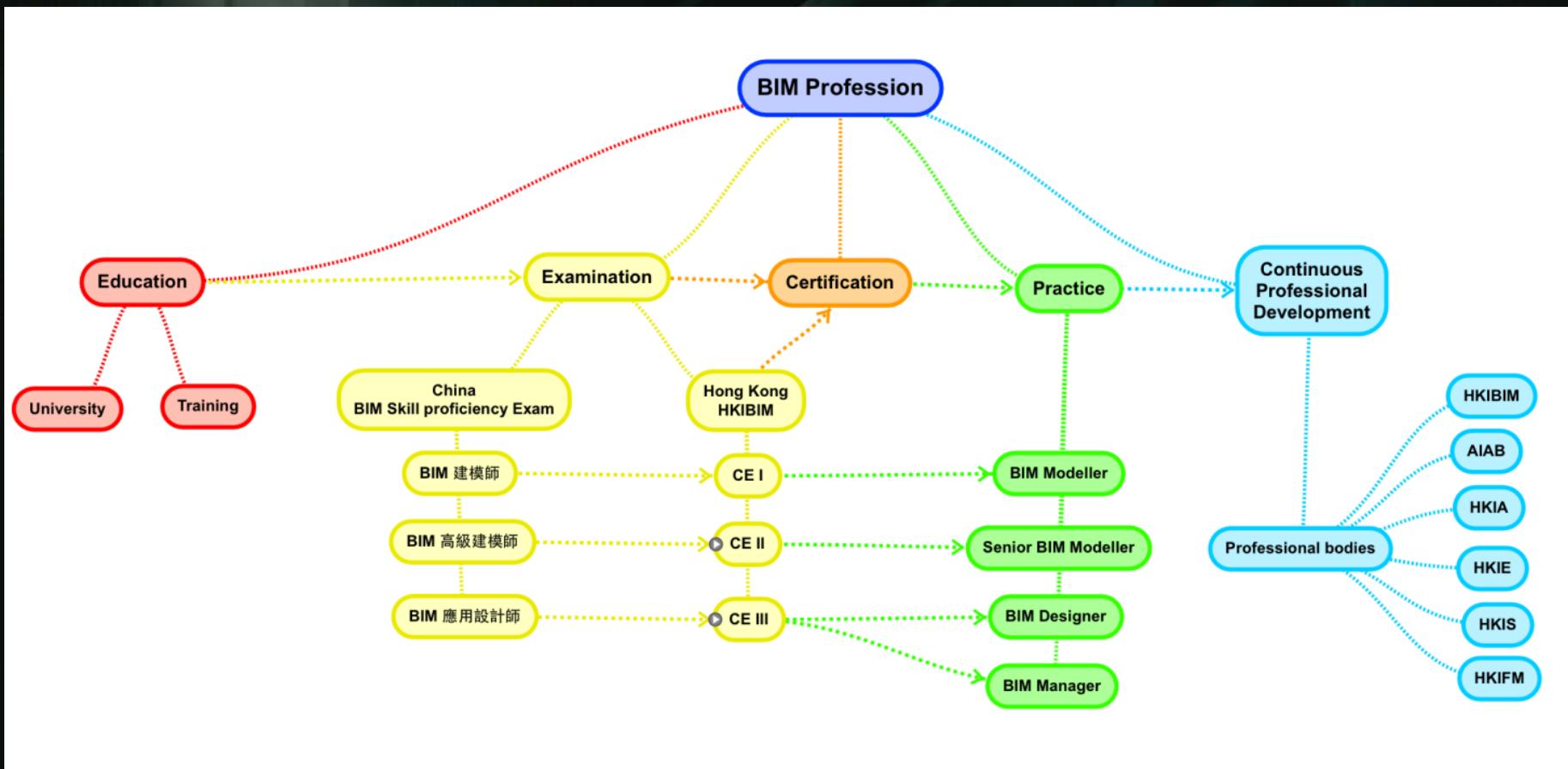
# 香港現有BIM 教育

- 大學 專業 有教授BIM 的大學不多，例如香港大學，珠海學院建築系等未有獨立成科，可能別個選修科目
- BIM技能培訓 香港專業教育學院，建造業議會BIM課程只提供初階BIM 訓練
- 專業進修 香港大學專業進修學院BIM 課程  
個別BIM 培訓中心  
為在職建築業界提供課程
- 工程培訓 個別工程項目BIM 培訓  
由BIM 顧問公司按工程所需而定
- 軟件培訓 由軟件公司提供簡短產品使用介紹而已

# 現有BIM 教育問題

- 課程
  - 沒有既定課程，水準不一
  - 各教育單位對**BIM** 欠缺協調
  - 只有初級，欠缺高階課程
  - 專業性仍低，欠缺專業組織參與
  - 專業課程不全面，例如沒有**BIM** 在建造過程的課程
  - 欠缺**BIM** 管理方面課程
- 教授人員
  - 欠缺人材，特別是專業人才
- 參與學員
  - BIM** 專業相對較新，課程推廣不夠，導至參與不多。
- 認証
  - 沒有統一系統

# HKIBIM 大綱/ 考試/ 認証



# HKIBIM 大綱/ 考試/ 認証

Welcome to BIM Academy!



COURSE  
課程

EXAMINATION  
考試

CERTIFICATION  
認証

## BIM Academy (BIM 專知學院)

*BIM Education,  
Examination and  
Certification portal.*

### Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

# HKIBIM 大綱/ 考試/ 認証

- 專業地位

1. **BIM 平台** 非單一軟件系統，包括不同**BIM 平台**
2. **進階 認可專家** **基礎 / 進階 / 專業**  
**Certified Expert** **CEI / CEII / CEIII**
3. **專業 建築 / 結構 / 機電 / 造價/ 建造 / BIM 項目管理**
4. **語言 跟國內，外國系統接軌。**

## ▼ BIM Courses 課程

- ▷ Revit (English Interface, English/Cantonese)
- ▷ Revit (中文版，普通话教授)
- ▷ ArchiCAD
- ▷ Bentley
- ▷ Digital Project
- ▷ AutoCAD Architecture
- ▷ Vector Works
- ▷ Rhino (1)
- ▷ Grasshopper (1)

## Course categories

- ▷ Introduction 介紹 (1)

## ▼ BIM Courses 課程

- ▷ Revit (English Interface, English/Cantonese)
  - ▷ Certified Expert - CEI Basic (Revit) Course (1)
  - ▷ Certified Expert - CEII Architecture (Revit) Course (1)
  - ▷ Certified Expert - CEII Structure (Revit) Course (1)
  - ▷ Certified Expert - CEII MEP (Revit) Course (1)
  - ▷ Certified Expert - CEII Revit Families Course (1)
  - ▷ Certified Expert - CEIII Architecture (Revit) Course (1)
  - ▷ Certified Expert - CEIII Structure (Revit) Course (1)
  - ▷ Certified Expert - CEIII MEP (Revit) Course (1)
  - ▷ Certified Expert - CEIII Construction Management Course (1)
  - ▷ Certified Expert - CEIII Cost Management Course (1)
  - ▷ Certified Expert - CEIII BIM Management Course (1)
- ▷ Revit (中文版，普通话教授)
  - ▷ 认可专家一级 - 基础 (Revit) (1)
  - ▷ 认可专家二级 - 建筑设计专业 (Revit) 考试 (2)
  - ▷ 认可专家二级 - 结构设计专业 (Revit) 考试 (2)
  - ▷ 认可专家二级 - 设备设计专业 (Revit) 考试 (2)
  - ▷ 认可专家三级 - 建筑设计专业 (Revit) 考试 (1)
  - ▷ 认可专家三级 - 结构设计专业 (Revit) 考试 (1)
  - ▷ 认可专家三级 - 设备设计专业 (Revit) 考试 (1)
  - ▷ 认可专家三级 - 建筑施工专业 考试 (1)
  - ▷ 认可专家三级 - 工程造价管理专业 考试 (1)
  - ▷ 认可专家三级 - BIM项目管理专业 考试 (1)

## ▼ BIM Examination 專業考試 (1)

### ▼ Revit (English, 中文繁體)

- ▷ Certified Expert - CEI Basic (Revit) Exam (2)
- ▷ Certified Expert - CEII Architecture (Revit) Exam (2)
- ▷ Certified Expert - CEII Structure (Revit) Exam (2)
- ▷ Certified Expert - CEII MEP (Revit) Exam (2)
- ▷ Certified Expert - CEIII Architecture (Revit) Exam (1)
- ▷ Certified Expert - CEIII Structure (Revit) Exam (1)
- ▷ Certified Expert - CEIII MEP (Revit) Exam (1)
- ▷ Certified Expert - CEIII Construction Management Exam (1)
- ▷ Certified Expert - CEIII Cost Management Exam (1)
- ▷ Certified Expert - CEIII BIM Management Exam (1)

### ▼ Revit (中文版，中文簡體)

- ▷ 认可专家一级 - 基础 (Revit) 考试 (2)
- ▷ 认可专家二级 - 建筑设计专业 (Revit) 考试 (2)
- ▷ 认可专家二级 - 结构设计专业 (Revit) 考试 (2)
- ▷ 认可专家二级 - 设备设计专业 (Revit) 考试 (2)
- ▷ 认可专家三级 - 建筑设计专业 (Revit) 考试 (1)
- ▷ 认可专家三级 - 结构设计专业 (Revit) 考试 (1)
- ▷ 认可专家三级 - 设备设计专业 (Revit) 考试 (1)
- ▷ 认可专家三级 - 建筑施工专业 考试 (1)
- ▷ 认可专家三级 - 工程造价管理专业 考试 (1)
- ▷ 认可专家三级 - BIM项目管理专业 考试 (1)

### ▷ ArchiCAD

# HKIBIM 大綱/ 考試/ 認証

## Introduction

Setting up a drawing and BIM environment

### 1. Core Concepts

- Introducing Building Information Modeling (BIM)
- Working in one model with many views
- Understanding Revit element hierarchy

### 2. System Settings

1. Basic Standards for Technical Drawings (drawing size and format, scale, line style, lettering, dimensioning, etc.)
2. Setting up a new drawing and BIM modeling environment
  - Basic concepts and operations of BIM software (modeling environment settings, project settings, definition of coordinate systems, creation of levels and grids, input of commands and data)
  - Selection of a suitable template
  - Creation of a template file (parameter, family, view, render scene, walkthrough, input/output and print settings)

### 3. Parametric BIM modeling

#### a. Method and skill of parametric BIM modeling

- Process and basic method of parametric BIM modeling

#### b. Method and skill of editing BIM entities

# HKIBIM 大綱/ 考試/ 認証

Quiz navigation

Finish attempt... Start a new preview

Course categories

- Introduction 介紹
- BIM Courses 課程
- BIM Examination 專業考試
- BIM Certification 認可資格

All courses ...

Question 1

The newly created Line Styles is saved in:  
新建的線樣式保存在

Not yet answered  
Marked out of 1.00

Select one:

- a. Project File  
項目文件中
- b. Template File  
模闡文件中
- c. Line Pattern  
線型圖案中
- d. Family File  
族文件中

Question 2

When the view scales changes, which statement for the Pattern is correct?  
當改變視圖的比例時，以下對填充圖案的說法正確的是

Not yet answered  
Marked out of 1.00

Select one:

- a. The scale in both Model Pattern and Drafting Pattern will NOT change.  
模型填充圖案和繪圖填充圖案的比例都不會改變
- b. The scale in Model Pattern will change accordingly.  
模型填充圖案的比例會相應改變
- c. The scale in Drafting Pattern will change accordingly.  
繪圖填充圖案的比例會相應改變
- d. The scale in both Model Pattern and Drafting Pattern will change accordingly.  
模型填充圖案和繪圖填充圖案的比例都會改變

Question 3

In the Sun Settings, the sunlight can be set by  
在日光設置中，下列哪些選項可以設置

Not yet answered

 CEI - Basic Examination

Started on Thursday, 12 December 2013, 2:52 PM  
State Finished  
Completed on Monday, 16 December 2013, 10:47 AM  
Time taken 3 days 19 hours  
Overdue 3 days 19 hours  
Grade 4.00 out of a maximum of 10.00 (40%)

Question 1

The newly created Line Styles is saved in:  
新建的線樣式保存在

Incorrect  
Mark 0.00 out of 1.00

Select one:

- a. Project File  
項目文件中
- b. Template File  
模闡文件中
- c. Line Pattern  
線型圖案中 
- d. Family File  
族文件中

Your answer is incorrect.

The correct answer is: Project File  
項目文件中

Question 2

When the view scales changes, which statement for the Pattern is correct?  
當改變視圖的比例時，以下對填充圖案的說法正確的是

Correct  
Mark 1.00 out of 1.00

Select one:

- a. The scale in both Model Pattern and Drafting Pattern will NOT change.  
模型填充圖案和繪圖填充圖案的比例都不會改變
- b. The scale in Model Pattern will change accordingly.  
模型填充圖案的比例會相應改變 
- c. The scale in Drafting Pattern will change accordingly.  
繪圖填充圖案的比例會相應改變
- d. The scale in both Model Pattern and Drafting Pattern will change accordingly.  
模型填充圖案和繪圖填充圖案的比例都會改變

Your answer is correct.

The correct answer is: The scale in Model Pattern will change accordingly.  
模型填充圖案的比例會相應改變

# HKIBIM 大綱/ 考試/ 認証

- 認証
  1. 專業                   **HKIBIM 專業人員列表，公開查核**
  2. 行業 (長遠)           其他教育團體 / 專業團體 / 政府
  3. 國內/外國 (長遠)     相互認証，例如中國，星加坡等



THANK YOU!