

# Digital Building Design

## 數碼建築設計

### Certificate in Building Information Modelling (BIM)

Programme Code: AS010A

Application Code: 1945-AS010A



3762 0072 (For Module 1, 4, 5 & 6) / 2508 8869 (For Module 2 & 3)

paula.lee@hkuspace.hku.hk / tommy.ng@hkuspace.hku.hk

Building Information Modelling (BIM) technology is an innovative tool to generate intelligent three-dimensional digital representation of a building from its inception to construction then completion and beyond. It allows for the Architectural Engineering and Construction (AEC) industry's stakeholders; developers, architects, engineers, consultants, contractors, and facility managers to simultaneously share, amend and access the building's physical and functional information on a building project.

\*This programme is on the pre-approved list of the Construction Innovation and Technology Fund (CITF).

- R** Applicants shall:
- have gained in HKDSE Examination Level 2 in 5 subjects (including Chinese Language and English Language); or
  - have gained in HKCEE grade E in 3 subjects, Level 2 in Chinese Language and English Language; or
  - hold a certificate in the related area, such as BIM, building and construction, awarded by a recognized institution; or
  - hold a relevant and recognized professional qualification, such as HKIA, HKIE, HKIS, CIOB, and HKICM.

Applicants with other relevant qualifications and one year of relevant work experience will be considered on individual merit.

**\$** HK\$31,995  
Application Fee: HK\$150

**D** 12 months

**E** English supplemented with Cantonese

**Q** Level 3 (Reg. No.: 17/001042/L3)  
Validity Period: 01 Dec 2017 - on-going

More details



### Certificate for Module (Strategic Application of Building Information Modelling in Architecture and Project Management)

Programme Code: AS014A

3762 0073

judy.mok@hkuspace.hku.hk

Building Information Modeling (BIM) has become the must-know vocabulary within the construction industry. This programme will equip participants with the necessary knowledge and skills of BIM application. The focus of the programme will be on the STRATEGIC AND MANAGERIAL SIDE of this tool.

This programme is suitable for professionals who will have a need in planning, overseeing or managing a multi-discipline BIM team in their daily job. The programme will be delivered in the form of lectures, case studies and group exercises.

**\$** HK\$5,840  
Application Fee: HK\$150

**D** 36 hours

**E** English supplemented with Cantonese

**Q** Level 2 (Reg. No.: 20/000094/L2) Validity Period: 01 Mar 2020 - on-going

### Certificate for Module (Technical Application of Building Information Modelling in Architecture and Project Management)

Programme Code: AS015A

3762 0073

judy.mok@hkuspace.hku.hk

Building Information Modeling (BIM) has become the must-know vocabulary within the construction industry. This programme will equip participants with the necessary knowledge and skills of BIM application. The focus of the programme will be on the TECHNICAL APPLICATION of this tool.

This programme is suitable for professionals and technical personnel who will have a need in using the BIM tool to design, coordinate with consultants and prepare documentation for construction or government submission in their daily job. The programme will be delivered in the form of lectures, case studies and group exercises.

**\$** HK\$5,840  
Application Fee: HK\$150

**D** 3 months

**E** English supplemented with Cantonese

**Q** Level 2 (Reg. No.: 20/000093/L2) Validity Period: 01 Mar 2020 - on-going

### Certificate for Module (Parametric Modeling with Grasshopper in Rhinoceros)

Programme Code: AS012A

3762 0072

paula.lee@hkuspace.hku.hk

Nowadays, parametric modelling, as a means to design and explore complex architectural spaces, has become an essential tool in contemporary architecture practice. Nevertheless, due to its relative young age, there are still many practising design professionals whom have not had the opportunity to receive formal training on this technique.

**\$** HK\$6,600  
Application Fee: HK\$150

**D** 10 weeks

**E** English supplemented with Cantonese

**Q** Level 4 (Reg. No.: 19/000113/L4) Validity Period: 30 Apr 2019 - on-going

### Certificate in Rhinoceros for Designers

Programme Code: AS008A

3762 0070

architecture@hkuspace.hku.hk

The programme aims to teach the foundation and intermediate techniques of using Rhinoceros in the production of 3-D models using Non-Uniform Rational B-Splines (NURBS) geometry and make arrangement for export, annotation and plotting, as well as detailed explanation on and exploration of the NURBS topology and the practical application of efficient modeling techniques, modeling strategy and advanced surfacing.

**\$** Application Fee: HK\$200

**D** 8 months

**E** English supplemented with Cantonese

**Q** Level 2 (Reg. No.: 15/003260/L2) Validity Period: 24 Sep 2015 - on-going

See legend on page 1 & 9 圖像說明於第1及9頁

**R** Minimum Entry Requirements 基本入學要求 (P.300)

**\$** Fee 學費

**D** Duration 修業期

**E** Medium of Instruction 教學語言

**Q** Qualifications Framework 資歷架構

**E** Exemption 豁免

**S** Short Course 短期課程

For more and latest programme information, please visit our website  
有關最新課程資訊及詳情，請瀏覽學院網站 [hkuspace.hku.hk](http://hkuspace.hku.hk)

## Digital Building Design 數碼建築設計

### Authorized Training in Rhinoceros - Level 1 Training

Programme Code: ARCH9061

3762 0073

judy.mok@hkuspace.hku.hk

Rhinoceros (Rhino), a three-dimensional modelling and computer aided design software, has become a standard tool for architects and designers. Rhino provides accuracy in translation of an idea or sketch readily into model and document for rendering, animation, drafting, engineering, analysis, and manufacturing or construction.

HK\$6,375

51 hours

English supplemented with Cantonese

More details



### Authorized Training in Rhinoceros - Level 2 Training

Programme Code: ARCH9062

3762 0071

sandra.ho@hkuspace.hku.hk

The programme aims to teach the intermediate and advanced techniques of using Rhinoceros in the production of 3-D models using NURBS geometry.

HK\$6,375

4 months to 5 months

English supplemented with Cantonese

## Heritage Conservation & Management 文化遺產保育及管理

### Advanced Diploma in Tree Management and Conservation

Programme Code: AS005A

Application Code: 1945-AS005A

3762 0072

paula.lee@hkuspace.hku.hk

In view of the quality tree management policy of the HKSAR Government and the increasing social awareness of tree conservation in parallel, this programme is to respond to the urgent demand for professional training for personnel engaging in tree management and conservation work. Employees in the fields or organizations such as landscape architecture, surveying, property management, contractor works, government administrative departments and public organizations relating tree management and conservation would be directly benefited by taking this programme.

HK\$46,743 (excluding expenses for field trips and site visits)

Application Fee: HK\$200

10 months

English

Level 4 (Reg. No.: 13/000641/L4)

Validity Period: 16 Oct 2013 - on-going

More details



### 香港考古學導論

課程編號: ARCH9072

3762 0072

architecture@hkuspace.hku.hk

本課程可讓學員初步了解考古學基礎理論及方法、田野考古調查、香港考古發現及詮釋、香港文化遺產法規等課題。希望學員通過課堂學習及田野考古調查，能掌握考古學基本知識及瞭解香港考古分期及重要出土文物之文化意義。

HK\$3,950

預早報名優惠: HK\$3,755

36 小時

廣東話 (特定課堂將以普通話授課，配上英文及中文專業名詞輔助)

### 文化遺產保育導論

課程編號: ARCH9031

3762 0072

paula.lee@hkuspace.hku.hk

文化保育、集體回憶都是近年市民常接觸的話題，文化遺產愈來愈受到社會重視。這課程由從事本地文化遺產保育專業人員帶領，導引學員有系統地認知及學習文化遺產管理相關的初階知識。

HK\$6,480

38 小時

廣東話，配上英文及中文專業名詞輔助