

# Digital Building Design

## 數碼建築設計

### Certificate in Building Information Modelling (BIM)

Programme Code: AS010A

Application Code: 2275-AS010A

☎ 2508 8869

✉ 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) and is included in the list of reimbursable courses under the Continuing Education Fund.

- 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.

\* With effect from 2007, HKU SPACE recognizes Grade E previously awarded for Chinese Language and English Language (Syllabus B) (Grade C in the case of English Language (Syllabus A)) at HKCEE as an acceptable alternative to Level 2 in these two subjects at HKCEE.

**\$** HK\$31,995

Application Fee: HK\$150

**D** 12 months

🇺🇸 English, supplemented with Cantonese

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

### Certificate in Rhinoceros for Designers

Programme Code: AS008A

☎ 3762 0071

✉ dorcas.kwan@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.

**\$** HK\$12,750 per programme

Term fee with credit exemption : HK\$6,375

Application Fee: HK\$150

**D** 8 months

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

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

Programme Code: AS012A

Application Code: 2270-AS012A

☎ 3762 0071

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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.

- R** Applicants shall:
- hold a recognized post-secondary certificate, diploma or degree; AND
  - have intermediate skills in Rhino 3D (Authorized Training in Rhinoceros - Level 2 Training or equivalent)
- Applicants with other qualifications will be considered on individual merit.

**\$** HK\$6,600

Application Fee: HK\$150 (Non-refundable)

**D** 36 hours

🇺🇸 English

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

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

Programme Code: AS015A

Application Code: 2275-AS015A

☎ 2508 8816

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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

🇺🇸 English, supplemented with Cantonese

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

See legend on page 031 圖像說明於第031頁

**R** Minimum Entry Requirements 基本入學要求 (P.017)

**\$** Fee 學費

**D** Duration 修業期

🇺🇸 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)