

Digital Building Design

數碼建築設計

Certificate in Building Information Modelling (BIM)

Programme Code: AS010A

Application Code: 2375-AS010A

3762 0801

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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 HKCM.

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

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

Application Code: 2370-AS008A

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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.

R Applicants shall be design professional or student with experience in Window based operators and software. Previous drafting or computer aided design experience is helpful but not necessary.

HK\$12,750 per programme
Term fee with credit exemption : HK\$6,375
Application Fee: HK\$150

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: 2370-AS012A

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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.

See legend on page 033 圖像說明於第033頁

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

S 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

R Applicants shall:

- (a) hold a recognized post-secondary certificate, diploma or degree; AND
- (b) 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\$6,800

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 (Strategic Application of Building Information Modelling in Architecture and Project Management)

Programme Code: AS014A

Application Code: 2375-A014A

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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 **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.

R Applicants shall:

- (a) i) have completed Senior Secondary Curriculum, and gained in the HKDSE Level 2 in English Language; or
- ii) have completed Secondary 5 education, and gained in the HKCEE level 2 in English Language;

and

- (b) have at least one year of work experience in the construction industry.

Applicants with other qualifications will be considered on individual merit.

HK\$5,840

Application Fee: HK\$150

D 36 hours

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

Application Code: 2375-AS015A

3762 0801

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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.

R Applicants shall:

- (a) i) have completed Senior Secondary Curriculum, and gained in the HKDSE Level 2 in English Language; or
- ii) have completed Secondary 5 education, and gained in the HKCEE level 2 in English Language;

and

- (b) have at least one year of working experience in the construction industry.

Applicants with other qualifications will be considered on individual merit.

HK\$5,840

Application Fee: HK\$150

D 36 hours

English, supplemented with Cantonese

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

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