



## Postgraduate Certificate in Building Engineering

### 建造工程學深造證書

2019/2020

**Programme Application Code: 1745-HB011A**

The Postgraduate Certificate in Building Engineering aims to equip the students with necessary engineering knowledge and technical competencies to solve problems and make engineering decisions in the construction processes of complex building projects.

The Postgraduate Certificate programme is designed for part-time study of around 6 months. Classes will normally be scheduled two evenings per week, from 7:00 – 10:00 pm. In addition to normal lectures, compulsory workshops may be scheduled at weekends to ensure minimum disruption to students' work commitments.

The Postgraduate Certificate in Building Engineering has been approved as the top up course in meeting the academic requirements for Corporate Membership of the Building Discipline of the Hong Kong Institution of Engineers (HKIE)\*.

### **Programme Outline**

Students are required to complete 2 modules as below:

#### Temporary Works Design

This module aims to equip the students with the technical knowledge about rules and requirements for the design, fabrication, and use of temporary works materials and their components. It will explore the interaction of the different parts of formwork and false work systems and their stability at the various stages of the construction, which are coupled with an appraisal of the cost.

#### Geotechnical and Foundation Engineering

This module addresses the determination of soil stratification and characteristics of soil required for the design of foundations. It integrates the theoretical, experimental and design basics of geotechnical engineering with professional practical issues to work out appropriate foundation engineering solutions.

### **Notes**

The School reserves the right to make changes to any aspect of the programme as appropriate.

\* *It is the applicant's responsibility to confirm with the relevant professional institution his/her eligibility for application of the professional membership.*

## **Entry Requirements**

Applicants should

(1) hold a bachelor's degree in the building discipline awarded by a recognized university;

### **AND**

(2) provide evidence of English language proficiency if the degree or equivalent qualification is from an institution where the language of teaching and assessment is not English, such as:

- i. an overall band of 6.0 or above with no subtests lower than 5.5 in the IELTS; or
- ii. a score of 550 or above in the paper-based TOEFL, or a score of 213 or above in the computer-based TOEFL, or a score of 80 or above in the internet-based TOEFL; or
- iii. HKALE Use of English at Grade E; or
- iv. HKDSE Examination English Language at Level 3; or
- v. equivalent qualifications.

### **AND**

(3) have at least two years of relevant work experience in the construction industry.

Applicants with other qualifications will be considered on individual merit.

## **Duration**

6 months, part-time

## **Fee (s)**

- **Course Fee:** HK\$24,650, non-refundable
- **Application Fee:** HK\$200, non-refundable

## **Programme Application (Application Code: 1745-HB011A)**

Completed application form, **SF26**, together with copies of academic certificates and/or professional qualifications, proven records of Use of English and one non-refundable crossed cheque of HK\$200 payable to "HKU SPACE" as the application fee should be returned to Programme Leader, Postgraduate Certificate in Building Engineering, HKU SPACE, 11/F., Fortress Tower, 250 King's Road, North Point, Hong Kong.

Applicants may choose to apply the programme through the School's online application system. Applicants are reminded to upload the required documents listed above if applying through the online application system (website: <http://hkuspace.hku.hk> (keyword/course code search enter <building>)).

## **Enquires**

**Tel:** 2508 8816      **E-mail:** [wwytang@hkuspace.hku.hk](mailto:wwytang@hkuspace.hku.hk)

## **Closing Date for Application**

**12 July 2019**