



Postgraduate Certificate in Building Engineering

建造工程學深造證書

2023 March Intake

Programme Application Code: 2075-HB011A

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

The programme is an approved top up course in meeting the academic requirements for the Corporate Membership in the Building Discipline of the Hong Kong Institution of Engineers (HKIE)*.

The programme is designed for part-time study of around 6 months. Classes will normally be scheduled for two weeknights per week, from 7:00 p.m. – 10:00 pm. In addition to normal lectures, there are non-lecture activities such as laboratory sessions that may be scheduled on weekends.

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 relevant professional institution(s) his/her eligibility for application of the professional membership(s).*

Entry Requirements

Applicants should

- (1) (a) hold a bachelor's degree in the building discipline awarded by a recognized university;
- (b) have gained a pass in the Chartered Institute of Building (CIOB) Part II Examination.

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\$27,000, non-refundable
- **Application Fee:** HK\$200, non-refundable

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Please send the following documents by post to "Postgraduate Certificate in Building Engineering, HKU SPACE, 11/F., Fortress Tower, 250 King's Road, North Point, Hong Kong. (Attn: Ms. Judy Mok)":

- Completed application form, i.e. SF26 form;
- a personal statement (around 150 words) to support his/her application. The statement should give a succinct account of the applicant's professional background, and a self-evaluation of his/her suitability to take the programme;
- copies of academic certificates and/or professional qualifications;
- proven records of Use of English;
- one non-refundable crossed cheque of HK\$200 payable to "HKU SPACE" as the application fee.

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.

Enquires

Tel: 3762 0073 **E-mail:** judy.mok@hkuspace.hku.hk

Closing Date for Application

13 March 2023