

Professional Certificate in Construction Management

建築管理專業證書

3rd Intake

Course Code : 233-40400

→ Introduction

The programme Professional Certificate in Construction Management consists of two modules and is pitched at HKQF level 5 with 18 QF credits. The programme is also recognized by The Hong Kong Institute of Construction Managers (HKICM).

With the digitalisation of construction industry by Building Information System (BIM) as the central information platform of Modular Integrated Construction (MiC) and Design for Manufacturing Assembly (DfMA), it leads to the coming revolution of the whole system of traditional construction knowledge on design, quality management, time management, cost management, sustainability and safety management. Hence, the programme will also feature an emphasis on construction management education in the context of the future impacts brought by the 4th Industrial Revolution of digitalisation and innovation to the construction industry

→ Programme Aim

This course is designed with reference to the professional assessment for the HKICM membership. It aims at enabling students to demonstrate knowledge, skills, behaviour and application in the following three domains of competence of a professional construction manager:

- i) Technical Competence;
- ii) Management Competence; and
- iii) Commitment to Professionalism.

→ Professional Recognition

Upon successful completion of this programme, students will fulfil the requirement of:

- the professional assessment of route 1 entry (the normal route) of the membership and
- 60 hours of Continuous Professional Development (CPD) for HKICM membership.

→ Class Schedule

Classes will be primarily conducted on Saturday afternoons, 2:00 to 5:00 pm.

→ Programme Intended Learning Outcomes (PILOs)

- Upon completion of the programme, students will be able to:
 1. Apply the key concepts, theories, practice and principles of the key disciplines of construction management;
 2. Apply the management skills necessary to pursue careers in construction management within the built environment and in the industrial environment; and
 3. Explain the current role, responsibilities and professional ethics of construction managers in their own right and within the context of upholding professional practice in the built environment.

→ Duration



October 2023 – March/April 2024

→ Application Deadline

15 September 2023 (Friday)

→ Programme Structure and Curriculum

This programme will last for six months of part-time study and comprise two modules with 18 QF credits. The medium of instruction is English supplemented with Chinese and the assessments will be delivered in English

Module Code	Module title	Contact hours	Keyword Syllabus
SPE00171	Strategic Construction Planning and Professionalism 	30 (20 hours of lecture, 10 hours of tutorials)	Planning and organising work including pre-tender and pre-contract works, Construction Planning: Site layout planning, Master Programme Planning, Managing health & safety and welfare in Construction Works, Introduction Site Supervision Plan in Hong Kong, Construction Quality Management Systems, Implementing sustainable construction development, Modular Integrated Construction (MiC), BIM, DfMA, Commercial Project Management in Construction Projects, Construction Dispute Resolution, Contractual and legal issues, Professional judgement and responsibility, Professional Ethics, Rules of conduct and regulations, Continuing professional development and construction career path planning
SPE00172	Strategic Construction Management 	30 (20 hours of lecture, 10 hours of tutorials)	Communication, Decision making, Managing information, Leadership and Strategic Management, Financial management, Developing people or teams in Construction Management and Construction Innovation.

→ Admission Requirements

- Holders of a Bachelor (Honours) Degree in a cognate discipline plus a minimum of two years of relevant experience in a technical and/or managerial position in the building/construction/surveying industry; OR
- Holders of a Bachelor (Honours) Degree in a semi-cognate discipline plus a minimum of three years of relevant experience in a technical and/or managerial position in the building/construction/surveying industry; OR
- Holders of a Bachelor (Honours) Degree in a non-cognate discipline plus a minimum of four years of relevant experience in a technical and/or managerial position in the building/construction/surveying industry; OR
- Holders of Higher Diploma or Associate Degree or Higher Certificate in a cognate discipline plus a minimum of five years of relevant experience in a technical and/or managerial position in the building / construction / surveying industry.

Holders of a Professional Diploma at HKQF Level 4 with a minimum of 120 QF credits in a cognate discipline plus a minimum of five years of relevant experience in a technical and/or managerial position in the building / construction / surveying industry may also be considered.

Cognate disciplines:

Building Studies, Construction Engineering & Management, Quantity Surveying, Building Surveying, Architectural Design & Technology, Civil Engineering, or equivalent qualifications.

Semi-Cognate disciplines:

Building Information Modelling (BIM), Facilities Management, Building Services, Business, Finance, Management, Engineering related, Environmental Protection, Energy Management Service, Real Estate, Housing Management, Interior Design, Computer Science, Information Technology, Sciences, or equivalent qualifications.

→ Assessment and Award

The first module Strategic Construction Planning and Professionalism will be assessed by Individual Essay (50%) and Examination (50%). The second module Strategic Construction Management will be assessed by Group Project (50%) and Examination (50%)

To pass a module, students should obtain a minimum mark of 50% for each assessment component (project, individual essay and examination) and achieve an overall pass mark of 50% of the module. In order to be awarded the Professional Certificate in Construction Management, students have to pass all modules with attendance of 70% for each module.

→ Teaching Venue

Classes will be mainly scheduled in City University of Hong Kong Kowloon Tong Campus OR SCOPE Tsim Sha Tsui East Learning Centre

→ Course Fee

HKD 17,000 (payable in two equal instalments)

→ Important Notes to Applicants

Applicants are strongly advised to read the current information on Admission Requirements for the HKICM memberships which should be obtained from HKICM. This is the applicants' personal responsibility to access his/her attributes and qualifications to meet the related HKICM membership requirements at different levels

The University have been monitoring the development of the pandemic and the changing government regulations. The modes of delivery, schedules, methods of teaching and assessment arrangements throughout the programme may be different from the original stipulations and subject to the prevailing policies and regulations.

Enquiries

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 hkicm.org/mhkicm.html



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