



# Programmes in Civil Engineering

## Gateway to Professional Recognitions

MSc Civil Engineering\* (Registration Number: 252609)  
BSc (Hons) Civil Engineering\* (Registration Number: 252012)  
Professional Diploma in Civil Engineering



Hong Kong College of Technology (HKCT) is a charitable and independent post-secondary education institution under the HKCT Group Limited. Formerly known as the Mongkok Workers' Night School, which was established in 1947, HKCT has striven continuously to professional and vocational education for over 75 years.

HKCT carries the mission of promoting continuing professional development by providing various academic-based learning, ranging from Micro-courses, Diploma and Professional Diploma programmes to Bachelor's and Master's Degrees, in collaboration with universities and professional institutions to keep abreast with the dynamic changes of the world. Programme disciplines include Building and Construction, Facility Management, Civil Engineering, Electrical and Mechanical Engineering, Property Management, Information Technology, Graphic Design, and Beauty Services.

HKCT also collaborates with professional associations and institutions to organise seminars and conferences to facilitate academic exchanges and sharpen competency of workforce, strengthen the territory's competitive edges to embrace dynamic changes brought by globalisation.

**Professional and academic services at HKCT include:**

- Professional seminars and short courses;
- National and international conferences;
- Knowledge transfer between Hong Kong and overseas academics or professionals;
- Liaison with local/overseas institutions and professional associations.

## Student Sharing

## 學生分享



土木工程碩士課程有別於學士，除了知識層面上，更著重於探索及深入的研究，令我了解更多工程背後的原理和數理邏輯。

**Mr Lam Sai Chiu Stephen**  
MSc Civil Engineering Graduate



我從港專學到的知識和技能應用到實際工作中，並進一步發揮我的潛力。在過去幾年，我已考取多個專業資格，包括英國的CEng, MICE, MIMechE, FCABE, FSOE, MCIOB; 澳洲的MIEAust CPEng, MAIB 以及香港的MHKICM 等資格。

**Mr Chow Chan Wah**  
MSc Civil Engineering Graduate  
BSc (Hons) Civil Engineering Graduate





## **Part-time 2 years**

*This programme admits students in September every year*

### **Introduction**

MSc Civil Engineering is delivered by the HKCT and is awarded by Leeds Beckett University, UK. This 2-year part-time masters programme provides the academic pathway for degree holders in relevant disciplines to obtain higher level of qualification.

### **Professional Qualification**

This programme is accredited by Chartered Association of Building Engineers (CABE), graduates who fulfill specified education and professional development requirements are eligible to apply for Membership of CABE.

## Programme Structure<sup>+</sup>

This 2-year part-time programme includes six modules and a dissertation as listed below.

### Year 1

#### September

- Geotechnical Analysis and Design
- Materials Technology

#### January

- Advanced Structural Engineering and Finite Element Method

### Year 2

#### September

- Water Engineering and Fluid Mechanics
- Civil Engineering Dissertation
- Continuing Professional Development

#### January

- Transportation Studies
- Civil Engineering Dissertation
- Continuing Professional Development

#### May

- Civil Engineering Dissertation
- Continuing Professional Development

## Tuition Fee<sup>^</sup>

HK\$97,000 in six instalments

## Administration Fee<sup>^</sup>

HK\$1,680 (Upon 1<sup>st</sup> instalment)

\* It is a matter of discretion for individual employers to recognize any qualification to which these courses may lead. This programme is awarded by Leeds Beckett University, UK and operated by Hong Kong College of Technology International Limited.

+ Programme content is subject to review and changes without prior notice.

^ All tuition fees are subject to annual review and change without prior notice.



## Part-time 16 Months

*This programme admits students in September every year*

### Introduction

BSc (Hons) Civil Engineering is delivered by the HKCT and is awarded by Leeds Beckett University, UK.

Civil Engineers are responsible for designing, constructing and operating a wide range of infrastructure projects, including major structures, highways and water resources. Society's increasing concern for sustainability creates a challenge for more complex, yet innovative, cost-effective and environmentally sensitive solutions.

The programme provides a broad-based education enabling successful students taking this programme at the HKCT to enter into careers in design, construction or operations in the civil engineering industry. In particular, the programme aims to create a range of learning opportunities which facilitate access and progression to allow personal and professional development.

### Professional Qualification

The range and balance of modules on the programme are designed to meet professional body requirements. The programme has been accredited by the Hong Kong Institute of Clerks of Works (HKICW), the Chartered Association of Building Engineers (CABE) and the Hong Kong Institution of Incorporated Engineers (HKIIE).

## Programme Structure<sup>+</sup>

This 16-month part-time programme includes six modules as listed below.

### Semester One

- Quantitative Methods for Decision Making
- Structural Engineering

### Semester Two

- Quantitative Methods for Decision Making
- Geotechnical Engineering B

### Semester Three

- Hydraulics and Water Engineering
- Major Project

### Semester Four

- Hydraulics and Water Engineering
- Major Project

## Assessment

All courses are assessed by a mixture of coursework, essays, reports, project work and examination.

## Tuition Fee<sup>^</sup>

HK\$82,300 in four instalments

## Administration Fee<sup>^</sup>

HK\$1,680 (Upon 1<sup>st</sup> instalment)

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+ Programme content is subject to review and changes without prior notice.

^ All tuition fees are subject to annual review and change without prior notice.



# Professional Diploma in Civil Engineering

## 專業文憑（土木工程）

### Part-time 2 years

*This programme admits students in September, January and May every year*

### Programme Structure<sup>+</sup>

#### Year 1

Module	Commencement	Tuition Fee <sup>^</sup>
<ul style="list-style-type: none"><li>• Introduction to Civil Engineering</li><li>• Civil Engineering Materials</li></ul>	September	\$8,780
<ul style="list-style-type: none"><li>• Engineering Mathematics</li><li>• Site Surveying for Civil Engineering</li></ul>	January	\$8,780
<ul style="list-style-type: none"><li>• Civil Engineering Management</li><li>• English Communication Skills for Civil Engineering</li><li>• CAD</li></ul>	May	\$8,780

#### Year 2

Module	Commencement	Tuition Fee <sup>^</sup>
<ul style="list-style-type: none"><li>• Structural Mechanics for Civil Engineering</li><li>• Soil Mechanics</li></ul>	September	\$8,780
<ul style="list-style-type: none"><li>• Structural Analysis</li><li>• Fluid Mechanics</li></ul>	January	\$8,780
<ul style="list-style-type: none"><li>• Structural Design</li><li>• Traffic and Highway Engineering</li><li>• Professional Practice and Project for Civil Engineering</li></ul>	May	\$8,780

### Professional Qualification

This programme has been accredited by the Chartered Association of Building Engineers (CABE) and the Hong Kong Institution of Incorporated Engineers (HKIIE).



<sup>^</sup> Tuition fees will be reviewed and adjusted annually on various factors. All tuition fees are subject to the final approval from the Education Bureau.

<sup>+</sup> Programme content is subject to review and changes without prior notice.

# Articulation Pathway 升學階梯



## MSc Civil Engineering\*

土木工程碩士  
(Registration No.:252609)



## BSc (Hons) Civil Engineering\*

土木工程（榮譽）理學士  
(Registration No.:252012)



## Professional Diploma in Civil Engineering

專業文憑（土木工程）



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# Entry Requirements

## 入學要求

### MSc Civil Engineering\* 土木工程碩士 (Registration No.:252609)

- ▶ Holders of BSc (Hons)/ BEng (Hons) in Civil Engineering (accredited for IEng) at 2.1 or above; or
- ▶ Holders of BEng (Hons) in Civil Engineering (accredited for partial CEng) at 2.2 or above; or
- ▶ Holders of Honours degree in relevant engineering subject at 2.1 or above; or
- ▶ Holders of other relevant non-cognate honours degree at 2.1 or above, with experience in specialist civil engineering; or
- ▶ Professionals who have substantial experience in Civil Engineering and who are i) holders of accredited civil HND or ii) an honours degree, or iii) mature applicants aged 23 or above who also possess an equivalent and relevant academic qualification; and
- ▶ Applicants should possess English language proficiency level up to IELTS 6.5 with no score lower than 6.0; or equivalent; and
- ▶ Applicants have at least three years of relevant working experience.

### BSc (Hons) Civil Engineering\* 土木工程 (榮譽) 理學士 (Registration No.:252012)

- ▶ Candidates who are holding a Higher Diploma in Civil Engineering or equivalent including the study of structural design and exhibit an overall average of at least 50% are eligible to apply for the course.
- ▶ Candidates have at least two years of relevant working experience.
- ▶ Candidates who have no Higher Diploma qualification may be considered on a case-to-case basis, providing they possess an equivalent academic qualification.

### Professional Diploma in Civil Engineering 專業文憑 (土木工程)

- ▶ Holder of Diploma for Tertiary Studies or Diploma of Professional Studies (Building Technology) or Diploma of Professional Studies (Electrical) as awarded by HKCT with at least 1-year working experience; or
- ▶ Holder of Pre-Associate Degree with at least 1-year working experience; or
- ▶ Mature applicants aged 23 or above with at least 1-year relevant working experience; or
- ▶ Holder of Higher National Certificate (HNC) or holder of Higher Certificate in Civil Engineering with at least 1-year working experience can be considered for admission into Year 2; or
- ▶ Holder of other qualifications may be entitled to have course module exemption subject to maximum 50 percent of total number of credits.

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# Academic Site Visit 參觀活動



Students visited Central Kowloon Route during construction stage

Students gained a fruitful learning experience in construction materials testing by visiting the Public Works Regional Laboratory (Sham Shui Kok)



# Financial Assistance

## HKCT Alumni Fee Reduction<sup>#</sup>

Applicants who have graduated from the Centre of International Education of HKCT (CIE) and have successfully completed a one-year or longer programme within the past 3 academic years, and who have successfully enrolled in a higher-level programme provided by CIE are eligible for this benefit.

Up to 4% of the total tuition fee reduction for the higher-level programme will be deducted from the final instalment of the tuition payment.

## Early Bird Discount<sup>#</sup>

Applicants who have completed the application procedure for September intake on or before 31 July for each year are eligible to benefit up to HK\$2,000 tuition fee reduction that will be deducted from the final instalment of the tuition payment.

<sup>#</sup> Applicants are eligible for either one of HKCT Alumni Fee Reduction or Early Bird Discount. In the event of any dispute, the decision of HKCT shall be final.

**Lecture Venue** : HKCT Mong Kok East Campus

**Application Enquiries** : 2276 8514 / 2926 1222

**Website** : <https://www.hkct.edu.hk/cie>

**Online application** : <https://www.hkct.edu.hk/uchoice>

## Programme Details



## Application



## Campus:

HKCT Mongkok East Campus: 14 Princess Margaret Road, Ho Man Tin, Kowloon

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