

# Electrical, Electronic and Mechanical Engineering

Gateway to Professional Recognitions



**Diploma in Professional Studies (Electrical)**

**Higher Diploma in Electrical and Electronic Engineering**

**BEng (Hons) Electronic and Electrical Engineering\***  
(Registration No.: 251350)

**BEng (Hons) Mechanical Engineering\***  
(Registration No.: 252537)

**MSc Advanced Engineering Management^**  
(Registration No.: 252929)

# Articulation Pathway

## 升學階梯

### Master's Degree

#### MSc Advanced Engineering Management<sup>^</sup>

(Registration No.: 252929)

(Part-time 21 months)



### Honours Bachelor's Degree

#### BEng (Hons) Electronic and Electrical Engineering\*

(Registration No.: 251350)

(Part-time 18 months)



### Honours Bachelor's Degree

#### BEng (Hons) Mechanical Engineering\*

(Registration No.: 252537)

(Part-time 18 months)



### Higher Diploma

#### Higher Diploma in Electrical and Electronic Engineering

(Part-time 2 years)



### Diploma

#### Diploma in Professional Studies (Electrical)

(Part-time 1 year)



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

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**Intake** ————— September

**Duration** ————— 1 year

**Mode of Study** ————— Part-time mode

### Entry Requirements

- Applicants should have completed Form 5 with a pass in Mathematics; or
- Applicants should be holders of Certificate in Electrical, Electronics or Building Services related discipline; or
- Mature entrants with relevant working experience.

### Professional Accreditation

- Hong Kong Institution of Incorporated Engineers



### Programme Structure

Module	Commencement <sup>#</sup>
• Elementary Engineering Mathematics • Effective Use of English	September (2 evenings per week)
• Electrical and Electronics Principles • Electrical Machines	January (2 evenings per week)
• Advanced Electrical Principles • Electrical Power	April (2 evenings per week)

<sup>#</sup> Module commencement date is subject to change due to various circumstances.

### Assessment

Modules are assessed in a combination of assignments and examinations.

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

HK\$18,400 in 3 instalments

<sup>^</sup>All tuition fees are subject to annual review and change without prior notice.



### Student Voice

“港專的所有導師都令我受益匪淺，他們很用心去解答我所有問題，幫助我完成學業。有問題，找導師，肯定沒錯。”

“選擇港專，是因為港專給我提供了升學的機會，而且學費也合理。”

“專科文憑 (電機)課程獲得認受，可以持續進修。”



**Intake** ————— September

**Duration** ————— 2 years

**Mode of Study** ————— Part-time mode

## Entry Requirements

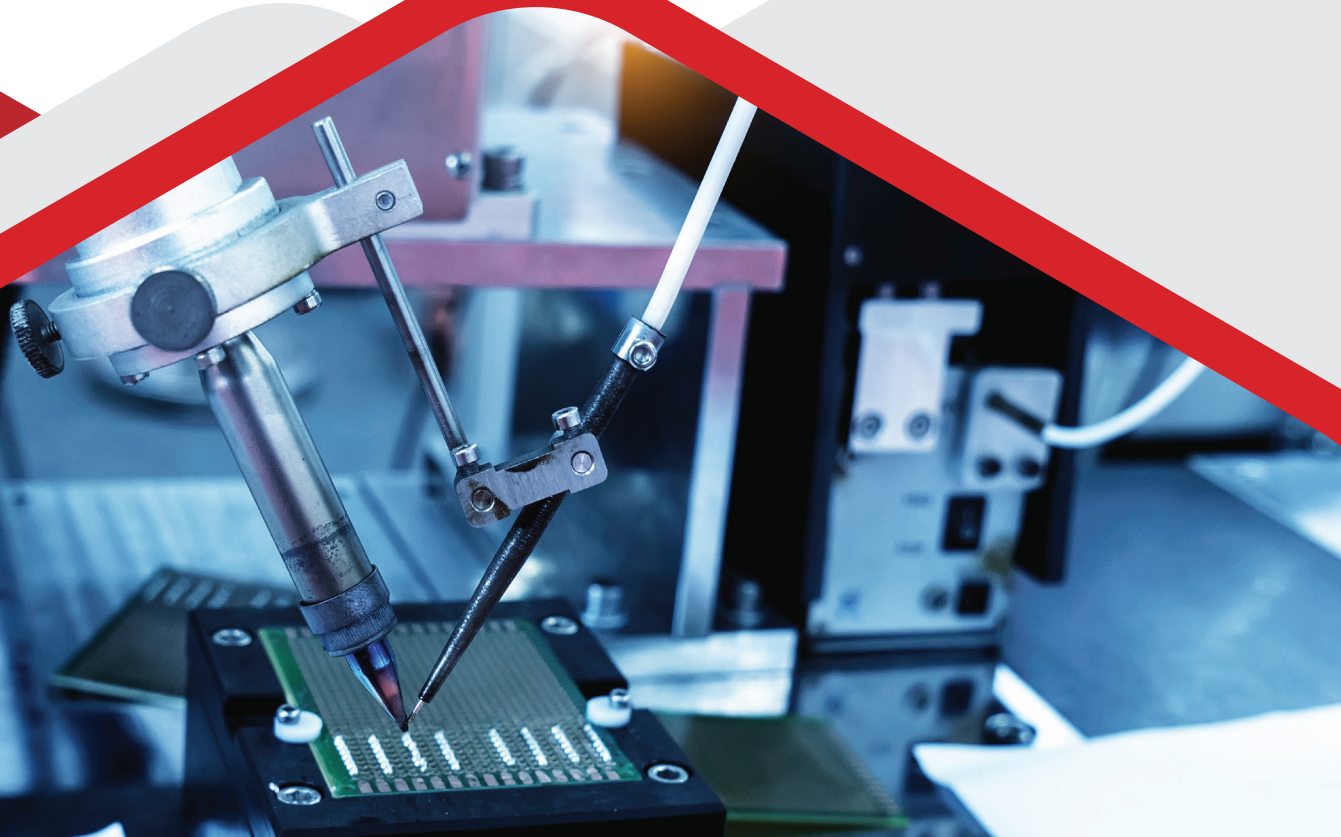
- ▶ Applicants should be holders of Diploma in Professional Studies (Electrical) awarded by HKCT or Diploma awarded by other institutions; or equivalent; or
- ▶ Mature entrants with relevant working experience.
- ▶ Applicants who are holders of Higher Certificate in Electrical, Electronic, or Building Services related disciplines, or equivalent may apply for Year 2.

## Professional Accreditation

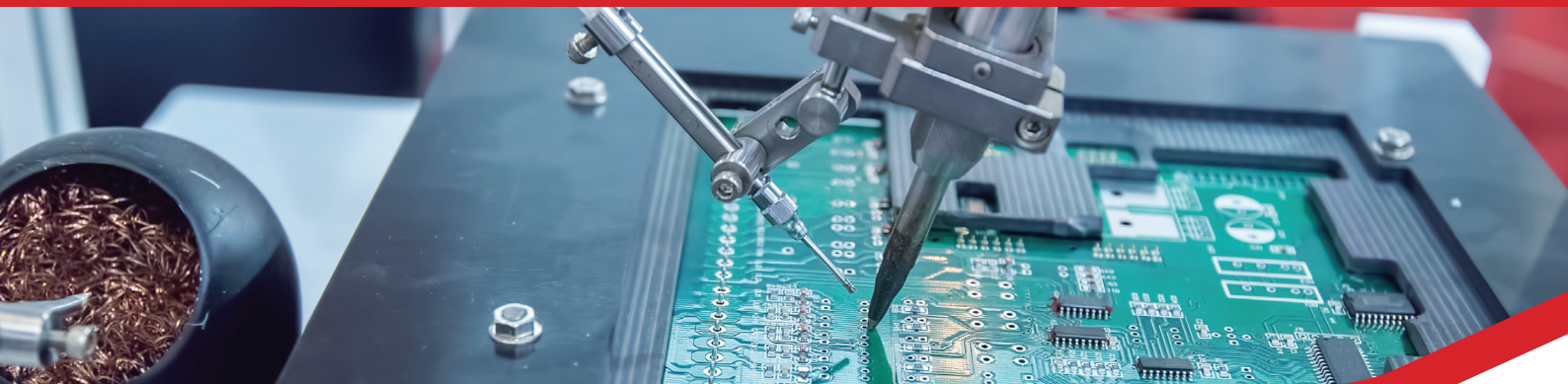
- ▶ Society of Operations Engineers



Society of Operations Engineers







## Programme Structure

Modules (Year 1)	Modules (Year 2)	Commencement <sup>#</sup>
<ul style="list-style-type: none"> <li>• Engineering Mathematics I</li> <li>• Instrumentation and Measurements</li> </ul>	<ul style="list-style-type: none"> <li>• Digital Systems and Microprocessor</li> <li>• Electronics Engineering</li> </ul>	September (2 evenings per week)
<ul style="list-style-type: none"> <li>• Engineering Mathematics II</li> <li>• Electrical Circuit Analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical Power Systems</li> <li>• Power Electronics and Drives</li> </ul>	January (2 evenings per week)
<ul style="list-style-type: none"> <li>• Electrical Installation Technology</li> <li>• Building Services Engineering</li> </ul>	<ul style="list-style-type: none"> <li>• Control Systems</li> <li>• Project</li> </ul>	April (2 evenings per week)

<sup>#</sup> Module commencement date is subject to change due to various circumstances.

## Assessment

Modules are assessed in a combination of assignments and examinations.

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

HK\$21,000 in 3 instalments (Year 1)

HK\$21,000 in 3 instalments (Year 2)

<sup>^</sup>All tuition fees are subject to annual review and change without prior notice.



## Student Voice

“在港專修讀課程，令我獲益良多，學以致用，增加自己在社會上競爭力同晉升機會，非常感謝港專每一位成員。”

“港專種類多元化及具認受性，會根據不同學生的志向及能力提供專業知識。”

“僱主推薦我讀港專的電機電子工程高級文憑。”

“我感恩港專導師的盡心教學，令我獲益良多。”



**Registration No.** — 251350  
**Intake** — September  
**Duration** — 18 months  
**Mode of Study** — Part-time mode

## Entry Requirements

- Higher Diploma in a relevant discipline (e.g. Electronics and Electrical Engineering, Electrical Engineering, etc.) from a recognised institution; or
- Associate Degree in a relevant discipline, which will be assessed individually.

AND

English language proficiency requirement:

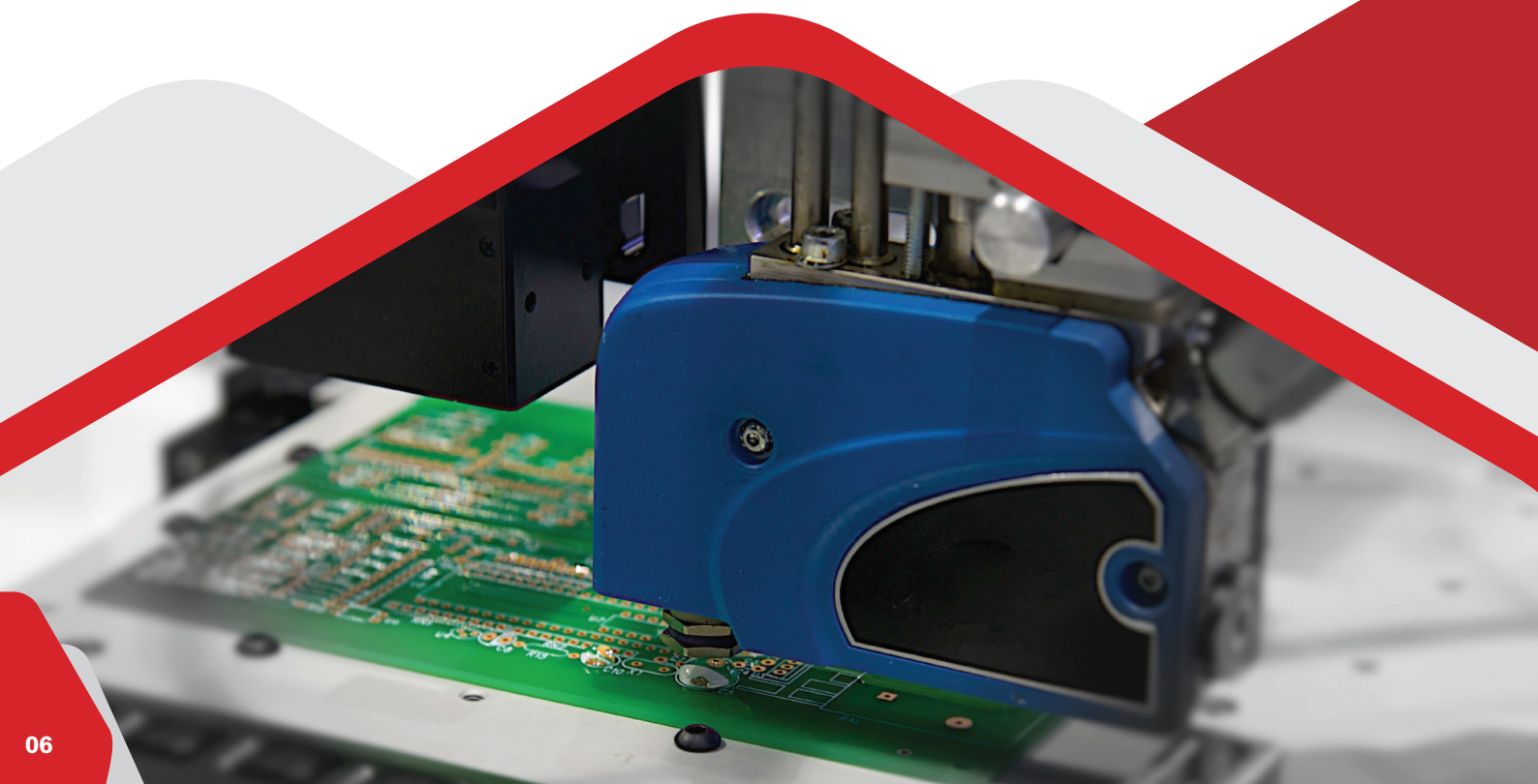
- IELTS 6.0 / TOEFL 550 / GCSE OL English grade C or equivalent; or
- Previous post-secondary qualification where the medium of instruction is English.

## Government Financial Assistance

Student can apply for Extended Non-means-tested Loan Scheme (ENLS) provided by Student Finance Office.

## Professional Accreditation

- Hong Kong Institution of Incorporated Engineers
- Institute of Measurement and Control
- Society of Operations Engineers





## Programme Structure

Module	Commencement <sup>#</sup>
• Electrical Power	September (1 evening per week)
• Professional Engineering Management Techniques • Manufacturing Systems Design	February (2 evenings per week)
• Electronic Systems Design	June (1 evening per week)
• Final Year Project	July

<sup>#</sup> Module commencement date is subject to change due to various circumstances.

## Assessment

Modules are assessed in a combination of assignments and examinations.

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

HK\$85,700 in 4 instalments

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

HK\$1,650 (Upon 1<sup>st</sup> instalment)

<sup>^</sup>All tuition fees are subject to annual review and change without prior notice.

<sup>\*</sup>It is a matter of discretion for individual employers to recognize any qualification to which these courses may lead.

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## Student Voice

“我是亞偉，在港專修讀「電機電子高級文憑課程」，再升讀「電機電子工程（榮譽）工學士學位課程」，好榮幸能夠以一級榮譽順利畢業。雖然工程科目內容相對濃縮，但好高興一切學習進度順暢，同學們都覺得好充實。教師有豐富的實戰經驗，對教學充滿熱誠。課程令我了解很多電子工程的運作、背後的原理和數理邏輯，也是認識了不少於這個範疇工作的朋友。港專課程最大優點就是快和濃縮。而且，畢業生能夠於數個英國工程師協會中獲得相關認可。”

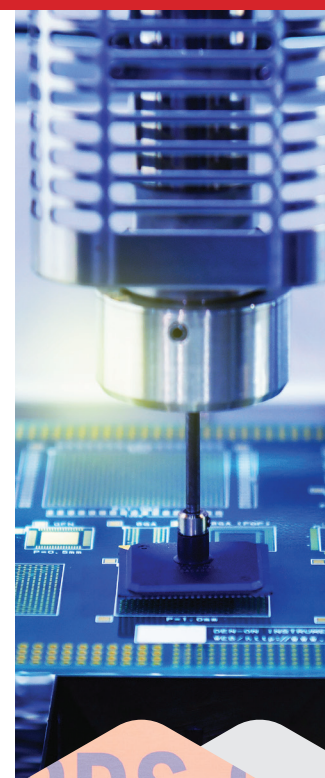
K W Chan

## The requirements of Grade C Electrical Work include<sup>+</sup>:

A degree in electrical engineering in a recognized university or an institution of tertiary education or an equivalent qualification and

1. has at least six years of post-graduate practical experience in electrical engineering including at least one year of practical experience in electrical work, or
2. completed at least two years of post-graduate training in electrical engineering recognized by the Director of Electrical & Mechanical Services and has at least two years of subsequent practical experience in electrical work.

<sup>+</sup> For reference only, it is subject to the latest announcement of Electrical and Mechanical Services Department (EMSD).



**Registration No.** — 252537  
**Intake** — September  
**Duration** — 18 months  
**Mode of Study** — Part-time mode

## Entry Requirements

- ▶ Applicants should be holders of Higher Diploma in Mechanical Engineering or related disciplines awarded by local tertiary institutions or equivalent; and substantial relevant working experience; or
- ▶ Applicants who do not satisfy the above entry requirements may be admitted at the discretion of the University through an interview and assessment by a committee.
- ▶ Applicants should possess English proficiency fulfilling the University's requirement.

## Government Financial Assistance

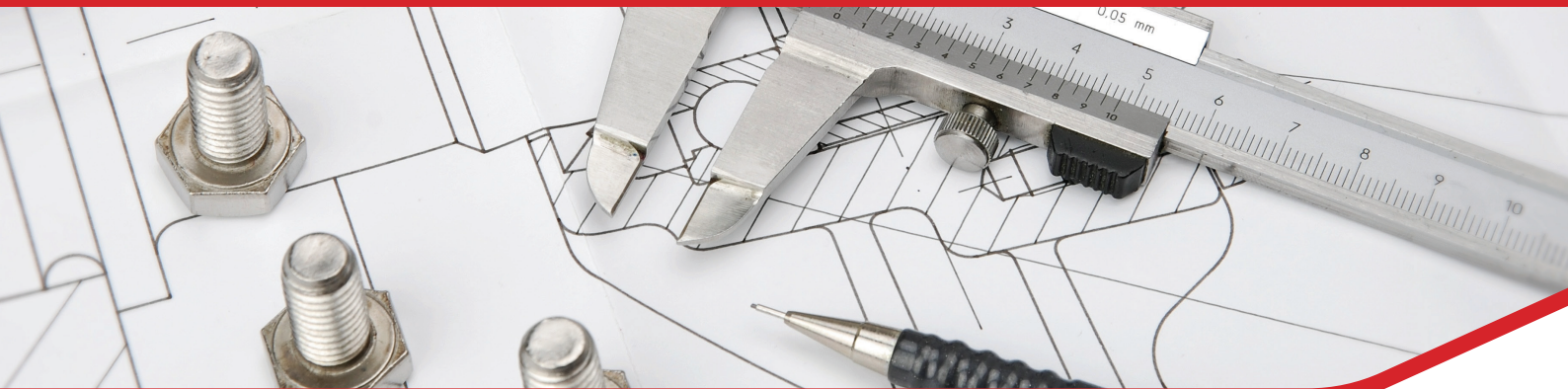
Student can apply for Extended Non-means-tested Loan Scheme (ENLS) provided by Student Finance Office.

## Professional Accreditation

- ▶ Institute of Measurement and Control
- ▶ Society of Operations Engineers







## Programme Structure

Module	Commencement <sup>#</sup>
• Engineering Dynamics & Thermofluids	September (1 evening per week)
• Professional Engineering Management Techniques • Manufacturing Systems Design	February (2 evenings per week)
• Mechanical Design & Materials Selection	June (1 evening per week)
• Final Year Project	July

<sup>#</sup> Module commencement date is subject to change due to various circumstances.

## Assessment

Modules are assessed in a combination of assignments and examinations.

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

HK\$84,500 in 4 instalments

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

HK\$1,650 (Upon 1<sup>st</sup> instalment)

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## Student Voice

"I'm Yin, a graduate of the BEng (Hons) Mechanical Engineering. Thanks to the support of HKCT, I have managed my studying time well and finished the coursework required to achieve an outstanding study performance. The academic and supporting staff of HKCT usually proactively guide students to ensure each of us can closely follow the programme schedule.

Guided by HKCT, I understand solid foundation and time management can help our study and future career development. I have obtained relevant engineering knowledge throughout this program and upgraded my report writing skills and technical capabilities. This significantly helps me monitor my projects better and results in satisfactory job performance. I am a full-member of the Society of Operations Engineers (SOE) and will pursue my path to become a Chartered Engineer. I strongly recommend this programme to those who want to attain a higher academic qualification in a shorter period or are eager to become a professional engineer in the future."

P Y Cheung



**Registration No.** — 252929  
**Intake** — September  
**Duration** — 21 months  
**Mode of Study** — Part-time mode

### Entry Requirements

- ▶ A second class honours degree in a cognate discipline (i.e. any award with "engineering" in the title, or programme recognised by Professional Engineering Bodies); or
- ▶ A second class honors degree in another discipline with evidence of engineering management experience; or
- ▶ Minimum 5 years of relevant working experience or training for applicants without the required academic background.

### Government Financial Assistance

Student can apply for Extended Non-means-tested Loan Scheme (ENLS) provided by Student Finance Office.





## Programme Structure

Module (Year 1)	Commencement <sup>#</sup>
<ul style="list-style-type: none"><li>• Simulation and Modelling</li><li>• Eco Engineering</li></ul>	September (2 evenings per week)
<ul style="list-style-type: none"><li>• Engineering Systems Control</li><li>• Lean and Agile Engineering</li></ul>	January (2 evenings per week)
<ul style="list-style-type: none"><li>• Project Management</li><li>• Research Practice</li></ul>	May (2 evenings per week)
MSc Dissertation (Year 2)	September

<sup>#</sup> Module commencement date is subject to change due to various circumstances.

## Assessment

Modules are assessed in a combination of assignments and examinations.

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

HK\$ 93,780 in 5 instalments

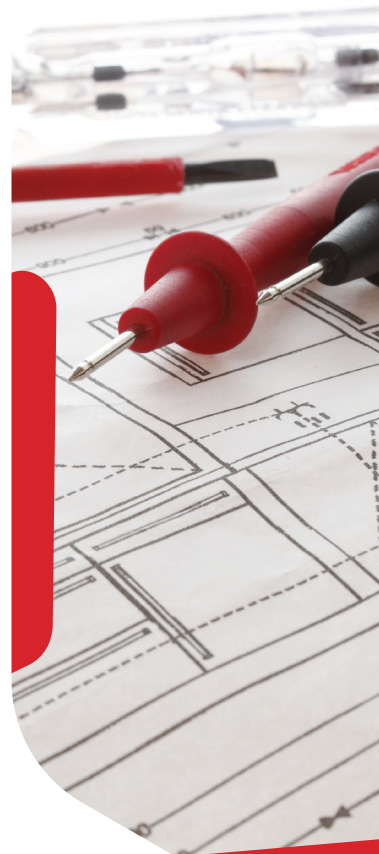
## Administration Fee<sup>^</sup>

HK\$1,650 (Upon 1<sup>st</sup> instalment)

<sup>^</sup>All tuition fees are subject to annual review and change without prior notice.

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## Student Voice

“這個課程非常實用和有價值。透過這個課程，我學到了如何有效管理工程專案。學習到的技能和知識對於我的職業生涯發展非常有幫助。此外，這個課程還提供了一個良好的學習環境，讓我有機會與教授和同學互動和交流想法。我對這個課程的學習成果感到非常滿意，並期待將來能夠將所學應用在實際工作中。”

“This course can help student to equip themselves and obtain chartership of some designated associations. The course content can enrich the knowledge of student and provide the latest technology of engineering field as well as some managerial idea in their work. The tutors can inspire the students during the lessons and also encourage them to make the best performance on their coursework.”



# Financial Assistance

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

HKCT former student who has completed a one year programme or above is eligible.

5% of total tuition fee reduction (max \$1,000) will be made in the last instalment of tuition fee payment.

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

Application submitted on or before 31 July for each year is eligible.

The reduction is from \$500 up to \$2,000 and will be made in the last instalment of tuition fee payment.

<sup>#</sup> Applicants are eligible to apply 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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-HKCT reserves the right of cancellation of programme due to insufficient enrolment number or special circumstances and the right of granting offer.