

# Electrical, Electronic and Mechanical Engineering

Gateway to Professional Recognitions



**MSc Advanced Engineering Management<sup>^</sup>**  
(Registration No.: 252929)

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

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

**Professional Diploma in Electronic and Electrical Engineering**

**Diploma in Professional Studies (Electrical)**

**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   | Commencement <sup>#</sup>          |
|--|------------------------------------|
| <ul style="list-style-type: none"> <li>• Simulation and Modelling</li> <li>• Lean and Agile Engineering</li> </ul> | September<br>(2 evenings per week) |
| <ul style="list-style-type: none"> <li>• Eco Engineering</li> <li>• Project Management</li> </ul>                  | January<br>(2 evenings per week)   |
| <ul style="list-style-type: none"> <li>• Research Practice</li> <li>• Engineering Systems Control</li> </ul>       | May<br>(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\$99,600 in 5 instalments

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

HK\$1,750 (Upon 1<sup>st</sup> instalment)



## 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 programme can help students to equip themselves and obtain chartership of some designated associations. The programme content enriches 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.”

\* It is a matter of discretion for individual employers to recognize any qualification to which this course may lead. MSc Advanced Engineering Management is operated by Hong Kong College of Technology International Limited and awarded by the Leeds Beckett University, UK.

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

**Registration No.** — 251350

**Intake** — January and September

**Duration** — 18 months

**Mode of Study** — Part-time mode

### Entry Requirements

- ▶ Higher Diploma in a relevant discipline (e.g. Electronic 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

Accredited by the Institute of Measurement and Control on behalf of the Engineering Council as meeting the requirements for Further Learning for registration as an Incorporated Engineer. To hold accredited qualifications for IEng registration candidates must also hold an accredited Foundation degree or HND.





## Programme Structure

| Module   | Commencement <sup>#</sup>            |
|--|--------------------------------------|
| • Electrical Power   | September<br>(1-2 evenings per week) |
| • Professional Engineering Management Techniques<br>• Manufacturing Systems Design | February<br>(2 evenings per week)    |
| • Electronic Systems   | June<br>(1-2 evenings per week)      |
| • Project  | October                              |

# 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\$96,500 in 4 instalments

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

HK\$1,750 (Upon 1<sup>st</sup> instalment)

## Student Voice

"Hi, I'm Ah Wai. I completed the Higher Diploma in Electrical and Electronic Engineering at HKCT, and then continued with the BEng (Hons) in Electronic and Electrical Engineering. I'm very honoured to have graduated with First Class Honours. Although the engineering curriculum was quite intensive, I'm very pleased that my studies progressed smoothly and found it very fulfilling. The tutors have extensive practical experience and are passionate about teaching. The programme helped me understand a lot about the operation of electronic engineering, its underlying principles, and mathematical logic. I also had the opportunity to meet many people working in this field. The advantage of the programme is that it's fast-paced and comprehensive. Additionally, graduates can obtain relevant accreditation from several UK engineering institutions."

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.

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

<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.

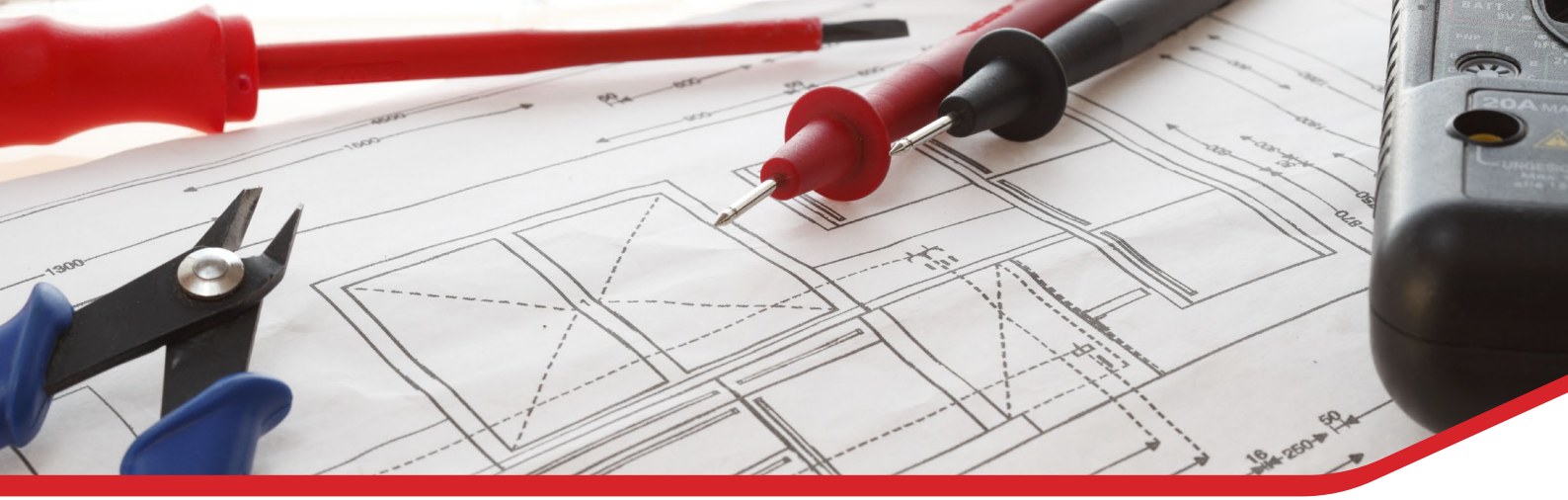
### Government Financial Assistance

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

### Professional Accreditation

Accredited by the Institute of Measurement and Control on behalf of the Engineering Council as meeting the requirements for Further Learning for registration as an Incorporated Engineer. To hold accredited qualifications for IEng registration candidates must also hold an accredited Foundation degree or HND.





## Programme Structure

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

<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\$91,600 in 4 instalments

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

HK\$1,750 (Upon 1<sup>st</sup> instalment)

## 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 programme 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



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**Intake** ————— September

**Duration** ————— 2 years

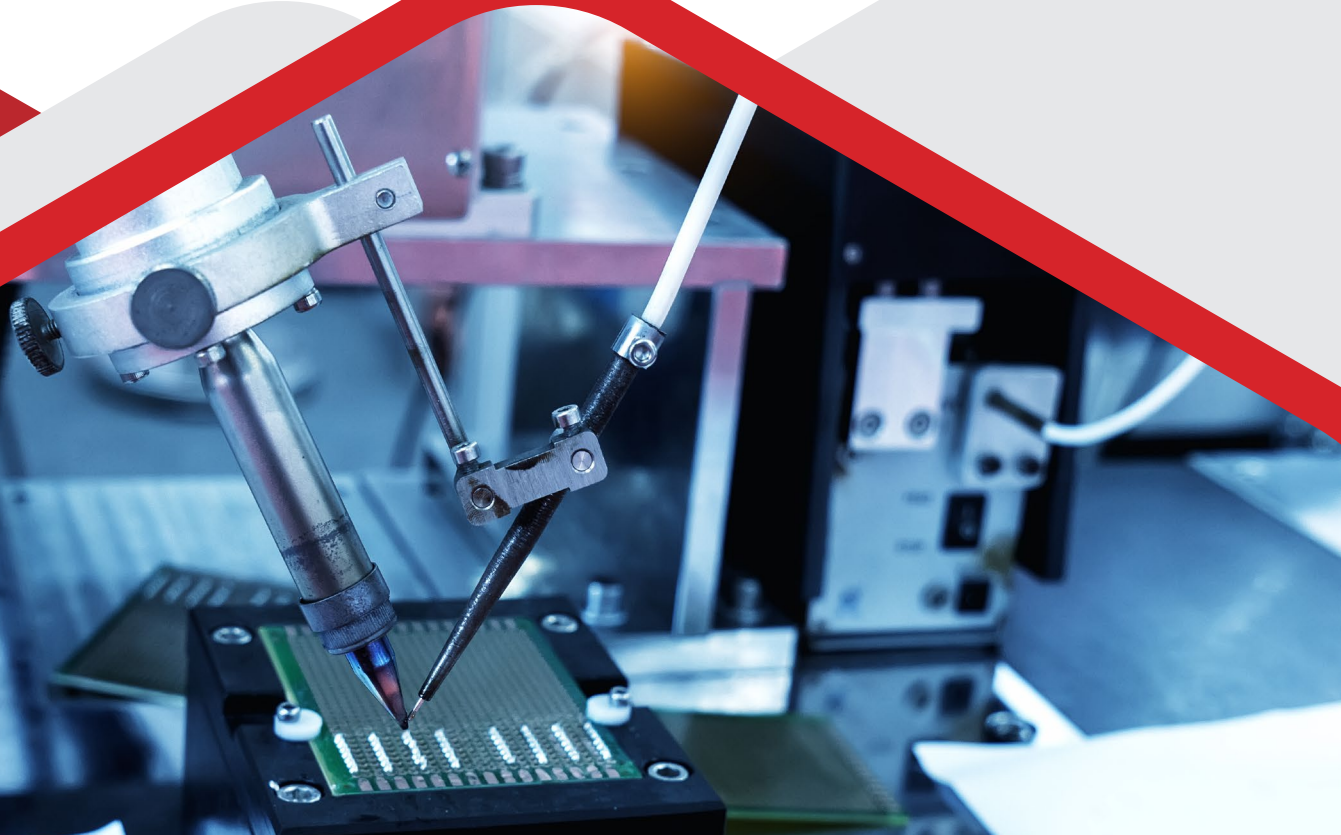
**Mode of Study** ——— Part-time mode

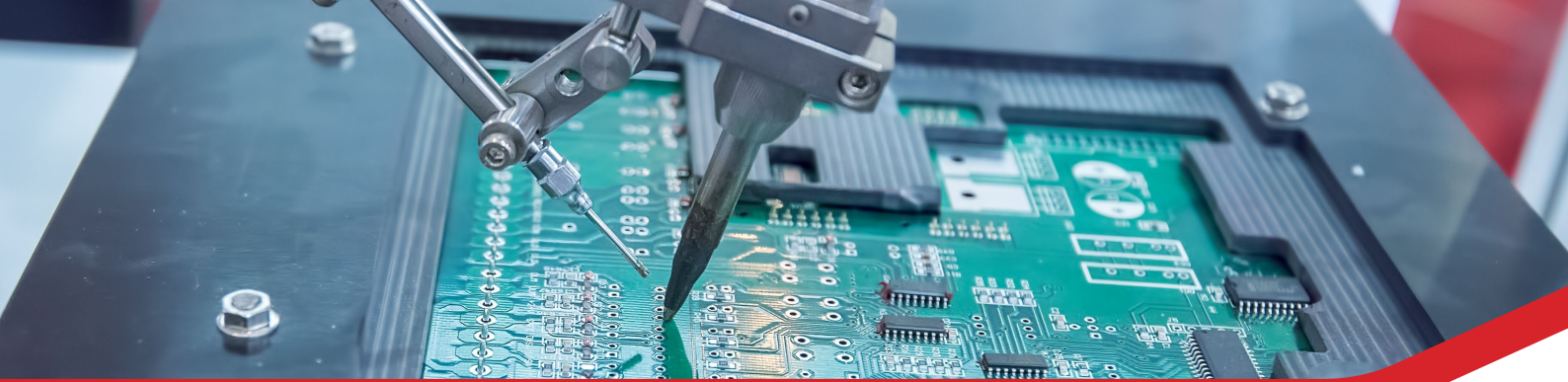
## Entry Requirements

- ▶ HKCT Diploma in Professional Studies (Electrical); or
- ▶ Diploma Yi Jin with Maths Plus; or
- ▶ Diploma of Applied Education with Maths Plus; or
- ▶ Equivalent; or
- ▶ Mature student applicant with relevant working experience may be considered.
- ▶ Applicants with post-secondary qualification related to electrical or equivalent may apply for year 2.

## Professional Accreditation

Accredited by the Institute of Measurement and Control on behalf of the Engineering Council for the purposes of fully meeting the academic requirements for registration as an Engineering Technician and partially meeting the academic requirement for registration as an Incorporated Engineer. Candidates must hold a Bachelors (with or without honours) accredited as further learning for IEng to hold accredited qualifications for IEng registration





## Programme Structure

| Modules (Year 1)   | Modules (Year 2)  | Commencement <sup>#</sup>          |
|--|---|------------------------------------|
| <ul style="list-style-type: none"> <li>• Engineering Mathematics I</li> <li>• Building Services Engineering</li> </ul>             | <ul style="list-style-type: none"> <li>• Digital Systems and Microprocessor</li> <li>• Electronics Engineering</li> </ul> | September<br>(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<br>(2 evenings per week)   |
| <ul style="list-style-type: none"> <li>• Electrical Installation Technology</li> <li>• Instrumentation and Measurements</li> </ul> | <ul style="list-style-type: none"> <li>• Control Systems</li> <li>• Project</li> </ul>                                    | April<br>(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\$23,550 in 3 instalments (Year 1)

HK\$23,550 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。”

Studying at HKCT has greatly benefited me, allowing me to apply what I've learned, increase my competitiveness in the job market, and enhance my promotion opportunities. I am very grateful to the HKCT's team.

“同學來自鐵路、電力、燃氣、基建項目，連結業界網絡。”

My classmates come from diverse sectors such as railway, electricity, gas and infrastructure projects, which helps to build industry connections.

“僱主推薦我讀港專的電機電子工程專業文憑。”

My employer recommended that I study for the Professional Diploma in Electronic and Electrical Engineering at HKCT.

“我感恩港專導師的盡心教學，令我獲益良多。”

I am grateful to the teachers of HKCT for their dedicated teaching, which has benefited me greatly.

**Intake** ————— September

**Duration** ————— 1 year

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

### Entry Requirements

- ▶ A secondary qualification with Pass in Mathematics; or
- ▶ Certificate in Electrical, Electronics or Building Services related discipline; or
- ▶ Equivalent; or
- ▶ Mature student applicant with relevant working experience may be considered.

### Professional Accreditation

- ▶ Hong Kong Institution of Incorporated Engineers



### Programme Structure

| Module  | Commencement <sup>#</sup>          |
|---|------------------------------------|
| <ul style="list-style-type: none"><li>• Elementary Engineering Mathematics</li><li>• Effective Use of English</li></ul> | September<br>(2 evenings per week) |
| <ul style="list-style-type: none"><li>• Electrical and Electronics Principles</li><li>• Electrical Machines</li></ul>   | January<br>(2 evenings per week)   |
| <ul style="list-style-type: none"><li>• Advanced Electrical Principles</li><li>• Electrical Power</li></ul>             | April<br>(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\$20,400 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。”

All of the lecturers at HKCT have been incredibly helpful to me. They are very dedicated to answering all my questions and helping me complete my studies. If you have any questions, seeking out the lecturers!

“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。”

I chose HKCT because it offered me the opportunity to further my education, and the tuition fees were reasonable.

“港專電機課程由文憑到學位都有，每週上課兩晚，時間靈活。”

HKCT's electrical engineering programmes range from diploma to degree levels, with classes held two evenings a week, offering flexible scheduling.



# Articulation Pathway

## 升學階梯

### Master's Degree

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

(Registration No.: 252929)

(Part-time 21 months)



LEEDS  
BECKETT  
UNIVERSITY

### Honours Bachelor's Degree

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

(Registration No.: 251350)

(Part-time 18 months)



University of  
Sunderland



### Honours Bachelor's Degree

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

(Registration No.: 252537)

(Part-time 18 months)



University of  
Sunderland



### Professional Diploma

#### Professional Diploma in Electronic and Electrical Engineering

(Part-time 2 years)



### Diploma

#### Diploma in Professional Studies (Electrical)

(Part-time 1 year)



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# 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 5% of the total tuition fee reduction for the higher-level programme will be deducted from the last instalment of the tuition fee.

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

Applicants who complete their application procedure by the specified deadlines are eligible for a tuition fee reduction of up to HK\$3,000, which will be deducted from the last instalment of the tuition fee.

Application Deadlines of the Early Bird Discount:

- September Intake: On or before 15 August each year
- January Intake: On or before 15 December each year

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

# Student Benefit



Join us and unlock the exclusive opportunity to become a student member of the Society of Engineers (SOE) automatically! Gain valuable insights, networking opportunities, and access to a wealth of resources that will enhance your learning experience and professional growth. Don't miss out on this chance to elevate your engineering journey!

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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