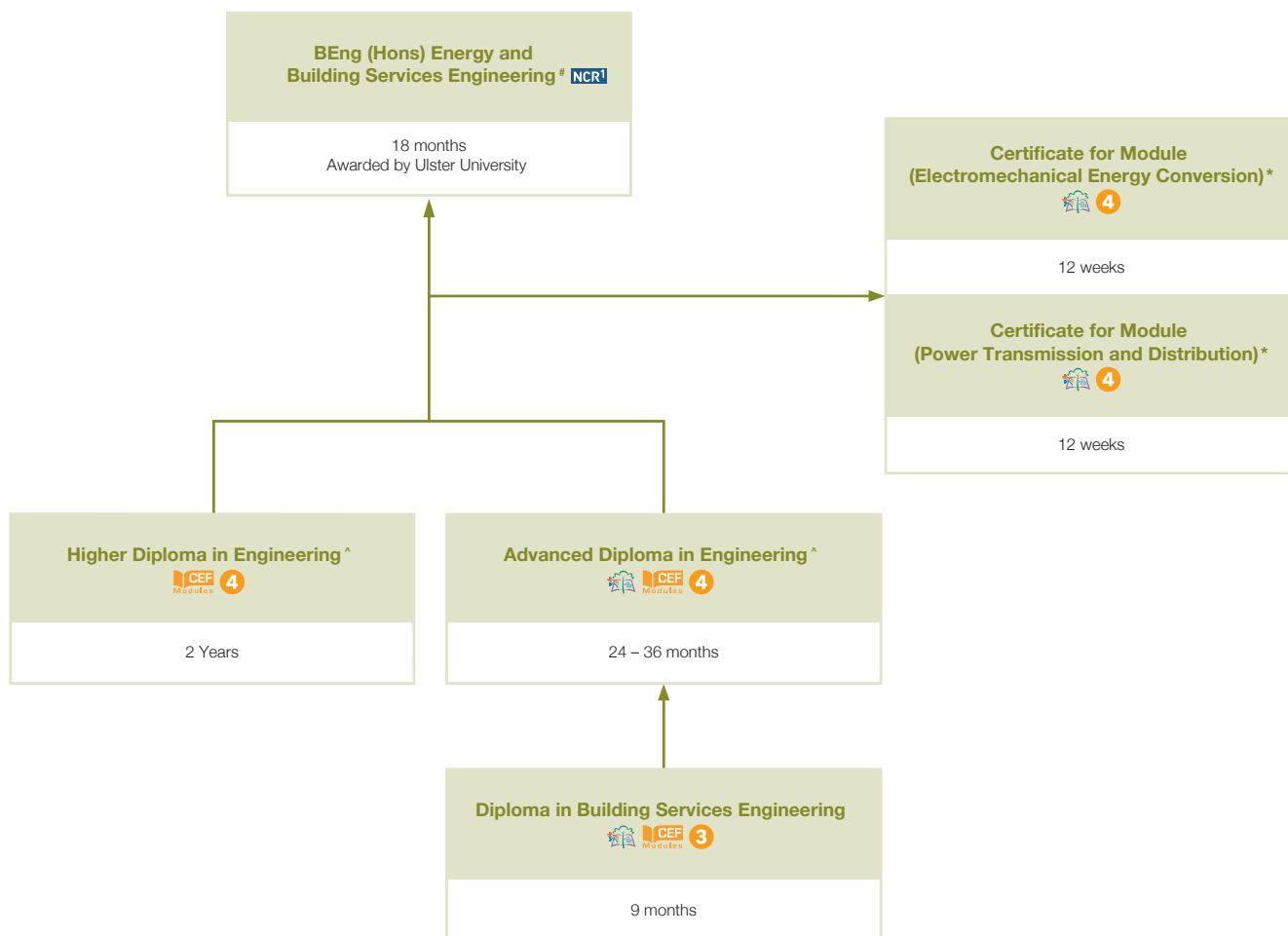


### Articulation of Engineering Programmes



<sup>#</sup> Applicants should have completed the Building Services Engineering stream in the Higher Diploma in Engineering or the Building Services Technology stream in the Advanced Diploma in Engineering

<sup>^</sup> Graduates of Electrical Engineering stream of the programmes are recognised by The Electrical and Mechanical Services Department (EMSD) of the Hong Kong S.A.R. Government as fulfilling the academic requirements for Grade A and Grade B Registered Electrical Worker (REW).

<sup>\*</sup> By completing these programmes, graduates of Building Services Technology stream of Advanced Diploma in Engineering programme or Building Services Engineering stream of Higher Diploma in Engineering programme can fulfill the academic requirements for Grade A and Grade B Registered Electrical Worker (REW).

## BEng (Hons) Energy and Building Services Engineering

Programme Code: IT062A

Ulster University, UK  
Application Code: 2245-IT062A



☎ 2587 3228

✉ sw.lee21@hkuspace.hku.hk

This programme aims to produce architecturally informed Building Services Engineers and Energy professionals who are able to deliver energy conscious and environmentally sustainable solutions for buildings. There are 3 teaching blocks (3 semesters) which consist of 10 modules in total. After completing this programme, students will be able to enhance their knowledge with professions in delivering environmentally sustainable solutions and reduce the environmental impact for existing and new buildings.

- R** Applicants should have completed
- The Building Services Engineering stream in the Higher Diploma in Engineering awarded within the HKU system through HKU SPACE; or
  - The Building Services Technology stream in the Advanced Diploma in Engineering awarded within the HKU system through HKU SPACE; or
  - A Higher Diploma or an Associate Degree in Building Services Engineering or equivalent from other recognised institutions.

Applicants will need to provide evidence to demonstrate their English proficiency, for example, an IELTS score of 6.0 or above or equivalent if the medium of instruction is not English in the institutions that they study.

- \$** Teaching Block 1: HK\$27,000  
Teaching Block 2: HK\$39,000  
Teaching Block 3: HK\$39,000  
Application Fee: HK\$150

**D** 18 months

**E** English

See legend on page 031 圖像說明於第031頁

- R** Minimum Entry Requirements 基本入學要求 (P.017) **\$** Fee 學費 **D** Duration 修業期  
**E** Medium of Instruction 教學語言 **Q** Qualifications Framework 資歷架構 **E** Exemption 豁免 **S** Short Course 短期課程

For more and latest programme information, please visit our website  
有關最新課程資訊及詳情，請瀏覽學院網站 [hkuspace.hku.hk](http://hkuspace.hku.hk)

## Diploma for Biomedical Engineering Technician

Programme Code: GS010A

2975 5698

phs.li@hkuspace.hku.hk

With the rapid advancement of technologies in the medical field, a successful health care delivery system depends not only on the expertise of health professionals but also on the proper functioning of sophisticated biomedical equipment. Hence, it is of paramount importance that these biomedical equipment are properly maintained and serviced so as to provide accurate and reliable data and information for clinical diagnoses and treatments.

13 weeks

Level 3 (Reg. No.: 18/000424/L3) Validity Period: 02 Jul 2018 - on-going

## Advanced Diploma in Engineering

Programme Code: IT021A

Application Code: 2245-IT021A



3762 0842

engineering@hkuspace.hku.hk

This programme provides a good foundation concepts in engineering education and prepares students for further studies or acquiring practical knowledge and skills to pursue a career in engineering fields by offering two streams of studies:

- Electrical Engineering
- Building Services Technology

Applicants shall:

- have gained in the HKDSE Level 2 Examination or above in 5 subjects\* (including Chinese Language, English Language and Mathematics (Core)); or
- have gained in the HKCEE Grade E in three subjects, and Level 2 in Chinese Language and English Language, or equivalent; or
- have successfully completed the Yi Jin Programme or the Yi Jin Diploma; or
- hold a degree or sub-degree in a non-engineering discipline. Their qualifications must be obtained in an institution with English as the teaching medium. These applicants will be exempted from ENGG2001 General English, ENGG2002 Basic Mathematics I and ENGG3002 Technical English I. Those who hold Level 2 or above in Mathematics Extended Part Module 1 or Module 2 in the HKDSE, or Grade E or above in the HKCEE Additional Mathematics or equivalent will be further exempted from ENGG3003 Basic Mathematics II.

For direct entry to Advanced Diploma in Engineering Year 2  
Applicants shall fulfill Entry requirement 1, 2 or 4 and have:

- gained in the HKALE Grade E in Physics; or
- hold a post-secondary certificate or diploma in engineering disciplines awarded by a recognized institution.

Note: Applicants who are aged 21 or above with other qualifications or relevant work experience will be considered on individual merit.

\* Applicants are allowed to use not more than two Applied Learning (ApL) subjects in the application.

The recognition of the ApL subjects is as follows:

- "Attained with distinction" is deemed equivalent to Level 3 in the HKDSE Examination; and
- "Attained" is deemed equivalent to Level 2 in the HKDSE Examination.

HK\$18,800 (Year 1)  
HK\$27,900 (Year 2)  
HK\$37,800 (Year 3)  
Application Fee: HK\$150

2 years to 3 years

English

Level 4 (Reg. No.: 11/001654/4) Validity Period: 09 Jan 2012 - on-going

## Diploma in Building Services Engineering

Programme Code: IT058A

Application Code: 2235-IT058A



2587 3227

sp.wong@hkuspace.hku.hk

The programme aims to provide students with specialized knowledge in building services engineering. It also equips students with technical knowledge and skills in electrical, mechanical and sanitary services which are relevant to building services engineering. The modules in the programme helped students undertake basic professional tasks in building services engineering.

Applicants should:

- have gained in the HKDSE Examination Level 2 or above in Chinese Language, English Language and either Mathematics (Core) or a Science subject; or
  - have gained in the HKCEE Grade E in Chinese Language, English Language and either Mathematics or a Science subject; or
  - hold a Diploma Yi Jin awarded by a recognized institution.
- Equivalent qualifications will be considered by the School.

HK\$16,000 per programme  
Application Fee: HK\$150

9 months

English

Level 3 (Reg. No.: 17/000977/L3) Validity Period: 16 Oct 2017 - on-going

## Certificate for Module (Robotic Process Automation Design and Development)

Programme Code: IT094A

Application Code: 2245-IT094A



3762 0839

yyk.chan@hkuspace.hku.hk

Robotic Process Automation (RPA) is a form of business process automation technology based on software robots such that organisations could apply RPA to relieve human workers of repetitive tasks. RPA emulates human interaction with a computer interface, such as spreadsheet or website, to automatically input data, collect and file information, and generally execute multi-step processes. With the adoption of RPA, organisations could improve productivity, efficiency and security. RPA technology also allows organisations to accurately and extensively gather data about task execution that can be employed for analytical purposes.

HK\$16,500  
Application Fee: HK\$150

45 hours

English

Level 4 (Reg. No.: 22/000385/L4) Validity Period: 01 Aug 2022 - on-going

## Certificate for Module (Electromechanical Energy Conversion)

Programme Code: IT070A

Application Code: 2285-IT070A



3762 0842

engineering@hkuspace.hku.hk

Certificate for Module (Electromechanical Energy Conversion) allows students with exposure to electrical engineering by providing useful knowledge of construction, operating principles, performance characteristics, control and especially applications of major types of electrical machines which are the necessity in electrical engineering.

Applicants should have completed

- The Building Services Engineering stream in the Higher Diploma in Engineering awarded within the HKU system through HKU SPACE; or
- The Building Services Technology stream in the Advanced Diploma in Engineering awarded within the HKU system through HKU SPACE; or
- A Higher Diploma or an Associate Degree in Building Services Engineering or equivalent from other recognised institutions.

HK\$4,200  
Application Fee: HK\$150

12 weeks

English

Level 4 (Reg. No.: 19/000479/L4) Validity Period: 01 May 2019 - on-going

NCR1

This is an exempted course under the Non-Local Higher and Professional Education (Regulation) Ordinance. 根據《非本地高等及專業教育(規管)條例》，本課程屬獲豁免課程。It is a matter of discretion for individual employers to recognize any qualification to which this course may lead. 個別僱主可酌情決定是否承認本課程可令學員獲取的任何資格。

NCR2

These are exempted courses under the Non-Local Higher and Professional Education (Regulation) Ordinance. 根據《非本地高等及專業教育(規管)條例》，這些課程屬獲豁免課程。It is a matter of discretion for individual employers to recognize any qualification to which these courses may lead. 個別僱主可酌情決定是否承認這些課程可令學員獲取的任何資格。

NCR3

The course operator is applying for exemption under the Non-local Higher and Professional Education (Regulation) Ordinance. 課程主辦人正根據《非本地高等及專業教育(規管)條例》辦理豁免註冊手續。It is a matter of discretion for individual employers to recognize any qualification to which this course may lead. 個別僱主可酌情決定是否承認本課程可令學員獲取的任何資格。

## Certificate for Module (Power Transmission and Distribution)

Programme Code: IT071A

Application Code: 2245-IT071



3762 0842

engineering@hkuspace.hku.hk

Certificate for Module (Power Transmission and Distribution) aims to introduce students with basic concepts of electrical power systems such as power and voltage control, fault analysis, regulation and protection methods, impact of surge and load flow calculation which are also essential in electrical engineering.

- R** Applicants should have completed
- The Building Services Engineering stream in the Higher Diploma in Engineering awarded within the HKU system through HKU SPACE; or
  - The Building Services Technology stream in the Advanced Diploma in Engineering awarded within the HKU system through HKU SPACE; or
  - A Higher Diploma or an Associate Degree in Building Services Engineering or equivalent from other recognised institutions.

**\$** HK\$4,200  
Application Fee: HK\$150

**D** 12 weeks

**E** English

**Q** Level 4 (Reg. No.: 19/000480/L4) Validity Period: 01 May 2019 - on-going

## Certificate for Module (Railway Rolling Stock Technology)

Programme Code: IT095A

Application Code: 2245-IT095A



2587 3227

sp.wong@hkuspace.hku.hk

The programme provides an overview of the railway rolling stock from an engineering perspective. Topics on railway rolling stock analysis, design and maintenance will be covered. Students will gain a good understanding of the technical complexities, reliability and maintainability of rolling stock.

- R** Applicants shall hold:
- i. a relevant bachelor's degree awarded by a recognized institution and at least 2 years of engineering work experience;
- OR
- ii. a professional qualification related to engineering industry.
- If the degree or equivalent qualification is from an institution where the language of teaching and assessment is not English, applicants shall provide evidence of English proficiency, such as:
- i. an overall band of 6.0 or above with no subtests lower than 5.5 in 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 core of 80 or above in the internet-based TOEFL; or
  - iii. HKDSE Examination English Language at Level 3 or above; or
  - iv. HKALE Use of English at Grade E or above; or
  - v. equivalent qualifications.

Applicants not meeting the standard set of criteria for admission will be assessed on individual merit.

**\$** HK\$8,200  
Application Fee: HK\$150

**D** 30 hours

**E** English

**Q** Level 6 (Reg. No.: 22/000378/L6) Validity Period: 01 Jun 2022 - on-going

## Certificate for Module (Railway Signalling System)

Programme Code: IT096A

Application Code: 2245-IT096A



2587 3227

sp.wong@hkuspace.hku.hk

The programme provides an overview of the mechanical, electrical, electronic and computer system that controls the safe passage and movements of trains on a railway line. It aims to provide a holistic view of the engineering principles, design and operational constraints and considerations as well as component evolutions of the equipment which collectively is known as the railway signalling system.

- R** Applicants shall hold:
- i. a relevant bachelor's degree awarded by a recognized institution and at least 2 years of engineering work experience; OR
  - ii. a professional qualification related to engineering industry.
- If the degree or equivalent qualification is from an institution where the language of teaching and assessment is not English, applicants shall provide evidence of English proficiency, such as:
- i. an overall band of 6.0 or above with no subtests lower than 5.5 in 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 core of 80 or above in the internet-based TOEFL; or
  - iii. HKDSE Examination English Language at Level 3 or above; or
  - iv. HKALE Use of English at Grade E or above; or
  - v. equivalent qualifications.

Applicants not meeting the standard set of criteria for admission will be assessed on individual merit.

**\$** HK\$8,200  
Application Fee: HK\$150

**D** 30 hours

**E** English

**Q** Level 6 (Reg. No.: 22/000379/L6) Validity Period: 01 Jun 2022 - on-going

## 3D 打印技術證書

課程編號：IT052A

報名代碼：2235-IT052A



2587 3228

sw.lee21@hkuspace.hku.hk

本課程旨在介紹3D打印的基本知識，有系統地培訓學員設計原型產品的能力，教導他們3D模型製作的實際技術，從而開拓不同商機。本課程適合對3D模型及3D打印感興趣的人士，或已加入相關行業的在職人士進修。本課程備有專業軟件 (SolidWorks) 及器材供學員使用。

- R** 申請人應該：
- 1) 完成香港高中課程；或
  - 2) 完成香港中學會考課程。
- 申請人若持有其他資格，學院將按個別情況考慮。  
申請人遞交申請時需提供以下文件：
- (i) 申請表 SF26
  - (ii) 香港身份證副本<sup>1</sup>
  - (iii) 學歷證明副本<sup>1</sup>
  - (iv) 申請人工作經驗的推薦書或其他證明文件<sup>1</sup> (如需要)
- <sup>1</sup>請帶同正本進行副本認證。

**\$** HK\$15,000

**D** 6個月

**E** 粵語輔以英語

**Q** 資歷架構級別：3 資歷名冊登記號碼：16/000619/L3  
資歷名冊登記有效期：2016年6月29日 - 持續有效

## 元宇宙與新數碼世代

課程編號：IMAT9162

2587 3227

sp.wong@hkuspace.hku.hk

元宇宙 (Metaverse) 是一個聚焦於社交連結的3D虛擬世界之網絡，讓人們在網上過上第二人生的計算平台。此虛擬空間需要各種現成科技如區塊鏈、人工智能、增強現實及機器視覺等。關於元宇宙的討論，主要是探討一個去中心化的在線三維虛擬環境。元宇宙在電腦遊戲、商業、教育、零售和房地產領域都有相當的潛力。

**\$** HK\$1,080

**D** 9小時

**E** 粵語

See legend on page 031 圖像說明於第031頁

**R** Minimum Entry Requirements 基本入學要求 (P.017)

**\$** Fee 學費

**D** Duration 修業期

**E** Medium of Instruction 教學語言

**Q** Qualifications Framework 資歷架構

**E** Exemption 豁免

**S** Short Course 短期課程

For more and latest programme information, please visit our website  
有關最新課程資訊及詳情，請瀏覽學院網站 [hkuspace.hku.hk](http://hkuspace.hku.hk)