

Higher Diploma in

APPLIED INTELLIGENT TECHNOLOGIES

應用智能科技高級文憑

2024-25



Higher Diploma in APPLIED INTELLIGENT TECHNOLOGIES

應用智能科技高級文憑

Application Code 報名編號

HPDFS-AIT Diploma in Foundation Studies + Years 1 & 2
基礎專上教育文憑 + 一年級及二年級

HDAIT Years 1 & 2
一年級及二年級



資歷架構
Qualifications
Framework

QF Level 資歷架構級別：4

QR Registration No. 資歷名冊登記號碼：21/001399/L4

Validity Period 有效期：01/09/2022 – 31/08/2025

Successful completion of this programme leads to an award by HKU SPACE Po Leung Kuk Stanley Ho Community College (HPSHCC)

學生成功修畢課程，將由香港大學專業進修學院保良局何鴻燊社區書院頒授副學位



Major emerging intelligent technologies are rapidly redefining global business and society's development. This programme addresses the growing demand of technology talents in Hong Kong and facilitates students to enter the information technology industry by providing a concrete foundation of information technology knowledge and application development skills. The topics of Artificial Intelligence (AI), cloud computing, database management and analytics, and computer programming languages will be covered to provide students with the latest development trend of the industry. The curriculum design emphasises on practicality; the students will have placement opportunities to experience the workplace requirements by tackling real business problems with technology solutions in real settings.

新興智能科技的出現，急促地重新定義全球的商業和社會發展。本課程回應香港對科技人才日益增長的需求，提供資訊科技和應用程式開發技能的基礎訓練，為學生投身資訊科技行業做好準備。課程涵蓋人工智能(AI)、雲端計算、數據庫管理及分析，以及電腦編程語言等主題，讓學生掌握業界最新發展趨勢。課程設計強調實際應用，學生將有機會參加實習，運用科技解決營商問題，以了解實際工作環境的要求。

PROGRAMME AIMS AND FEATURES

課程目標及特點

- Provides students with generic skills and the ability to present and evaluate information;
 - Equips students with knowledge and skills in the technological field, including computer programming, networking and database, and technology application development, to perform skilled tasks and propose appropriate solutions;
 - Provides students with the latest development trend of the information technology industry in local and global contexts;
 - Enables students to acquire appropriate attitude and practical skills through practical experience and to appreciate the importance of professional standards and lifelong learning at the paraprofessional level;
 - Prepares students to progress to further studies towards a degree in the relevant fields.
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- 教授學生演示和評估數據資料的通用能力和技巧；
 - 裝備學生掌握科技界所需的知識和技能，包括電腦編程、網絡工程及數據庫，和科技應用程式開發等，使他們能夠執行技術工作和提出合適方案；
 - 向學生介紹本地以至全球資訊科技界的最新發展趨勢；
 - 提供實習機會，令學生從中學習恰當的工作態度及實用技巧，並了解輔助專業人員保持專業水準及終身學習的重要性；
 - 為學生在相關領域繼續升學做好準備。

TECHNOLOGY PLACEMENT

科技實習

The Technology Placement provides a unique learning opportunity that enables students to integrate academic knowledge with first-hand practical experience. It broadens students' horizons in an actual work setting where they could interact with professionals from the IT industry and learn to develop better communication and interpersonal skills and work ethics. It will also develop and refine students' employability skills, engage them in career development activities and support them to adopt a reflective approach to learning.

「科技實習」給予學生一個獨特的學習機會，使他們可以將理論知識融匯貫通，應用在實際工作環境之中。學生將會與資訊科技界的專業人士交流，擴闊視野之餘，也可培養人際溝通能力和職業操守。實習更可提升學生的求職能力，引導他們參與發展事業的活動，並學會從經驗中學習。

PROFESSIONAL RECOGNITION

專業認證

Amazon Web Services (AWS) Academy

AWS Academy provides ready-to-teach curricula to its member institutions, helping students acquire cloud computing skills and widely recognised certifications, and preparing them to pursue career in IT industry. The College has joined AWS Academy as a member institution, and offers a course provided by the Academy as part of the curriculum of the Higher Diploma programme. **Upon successful completion of the cloud computing course in the curriculum, students are eligible to take the examination of AWS. The College will fully subsidise the examination fee.**

AWS Academy為其成員機構提供一系列可隨時教授的教材，令學生掌握雲端計算的必要技巧，並取得廣獲認可的認證，為他們投身資訊科技行業做好準備。書院已成為AWS Academy的其中一個成員機構，並為應用智能科技高級文憑的學生提供AWS Academy的課程。**凡完成該課程的學生，均有資格參與由AWS舉辦的認證考試，並獲得書院資助全額考試費用。**

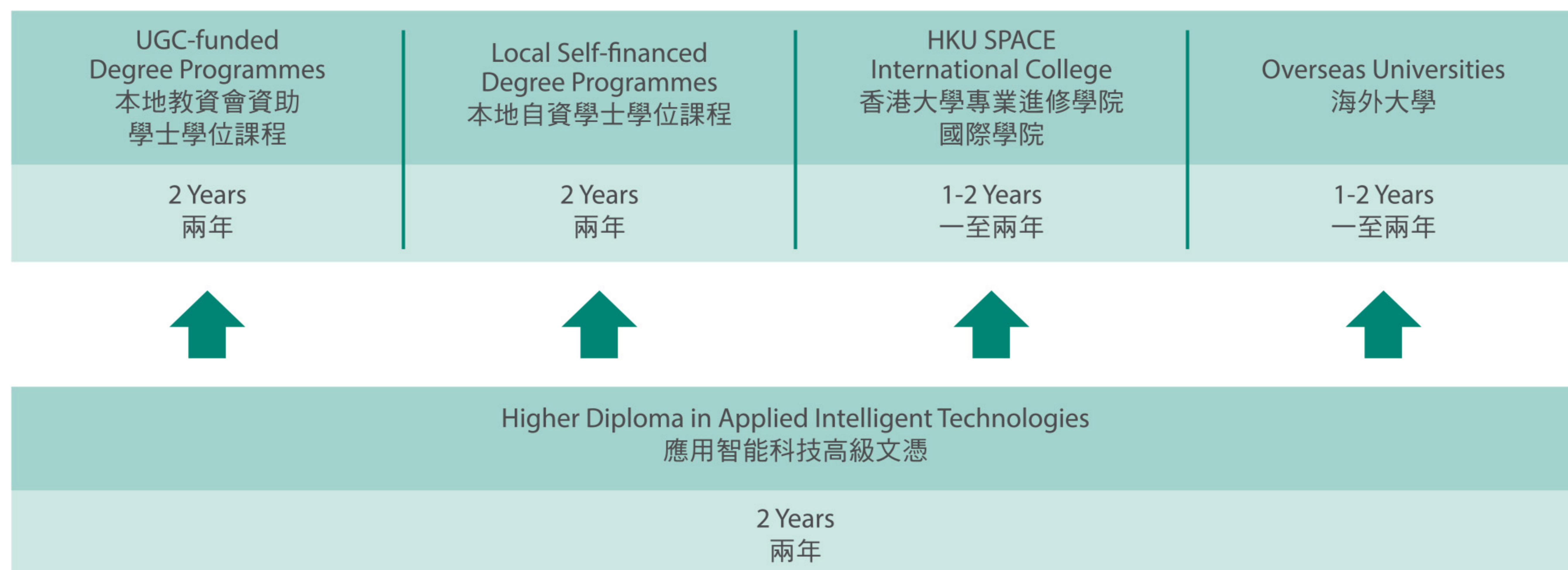
Check Point

The College also has become the SecureAcademy of Check Point. Their mission is to provide global education on Cyber Security by partnering with colleges and continuing education institutions. They also encourage institutions to collaborate with Check Point to prepare today's students with the vital technology skills needed to protect our future.

書院同時亦是Check Point的SecureAcademy其中一個成員機構。Check Point的使命是與不同的學院和持續進修機構合作，增強全球性的網絡安全教育。此外，Check Point亦與不同機構緊密合作，為學生裝備重要的資訊科技技能，以創造一個安全的網絡環境。

PROGRESSION PATHS

升學之路



OPPORTUNITIES FOR FURTHER STUDIES

升學前景

UGC-funded Universities

Graduates are eligible to apply for admission to the following bachelor's degree programmes in Computer Science, Information Technology or other IT-related disciplines offered by local universities*:

教資會資助大學

本課程畢業生可申請以下本地大學開辦的計算機科學、資訊科技或其他與資訊科技相關的學士學位課程*：

The University of Hong Kong

BASc Applied Artificial Intelligence
BEng Computer Science
BEng Data Science and Engineering
Bachelor of Science

The Chinese University of Hong Kong

BSc Computer Science
BEng Artificial Intelligence - Systems & Technologies

The Hong Kong University of Science and Technology

BSc Computer Science
BSc Data Science and Technology

The Education University of Hong Kong

BSc (Hons) Artificial Intelligence and Educational Technology (Senior year entry)

The Hong Kong Polytechnic University

BEng (Hons) / BSc (Hons) Scheme in Information and Artificial Intelligence Engineering
BSc (Hons) Computer Science

City University of Hong Kong

BSc Computer Science

Hong Kong Baptist University

BSc (Hons) Business Computing and Data Analytics

Graduates are also eligible to apply for the below degree programmes offered by other institutions:

畢業生亦可升讀以下其他院校的學士學位課程：

Other Local Institutions 其他本地院校

HKU SPACE

- Part time, BSc (Hons) Cyber Security, the University of Plymouth (Final year)
- Part time, BSc (Hons) Computer Network and Security, the Middlesex University (2 years)

Hong Kong Metropolitan University

- BSc (Hons) Computer Engineering (Senior year entry)
- BSc (Hons) Computer Science (Senior year entry)
- BSc (Hons) Data Science and Artificial Intelligence (Senior year entry)
- BComp (Hons) Internet Technology (Senior year entry)

Hang Seng University of Hong Kong

- BSc (Hons) Applied Computing

*The above list is not exhaustive and only shows some of the examples.
以上列表只提供部分升學例子以作參考。

CAREER PROSPECTS

就業前景

Our graduates are prepared to take up positions in the Information Technology fields at the paraprofessional level in Hong Kong and the Mainland.

本課程畢業生可選擇在香港和內地加入資訊科技行業，成為輔助專業人員。

PROGRAMME STRUCTURE

課程結構

Higher Diploma Year 1

高級文憑一年級

- Introduction to Academic English 學術英語入門
- English for Academic Purposes I 學術英語（一）
- Introduction to Computer Programming 電腦程式編寫入門
- Applied Statistics 應用統計學
- Introduction to Computer Networks 電腦網絡入門
- Introduction to Database Management Systems 數據庫管理系統入門
- Cloud Computing and Architecture 雲端運算和架構
- Web Programming I 互聯網程式編寫（一）
- Discrete Mathematics for Computing 離散數學
- Structured and Object-Oriented Programming 結構化和物件導向程式編寫

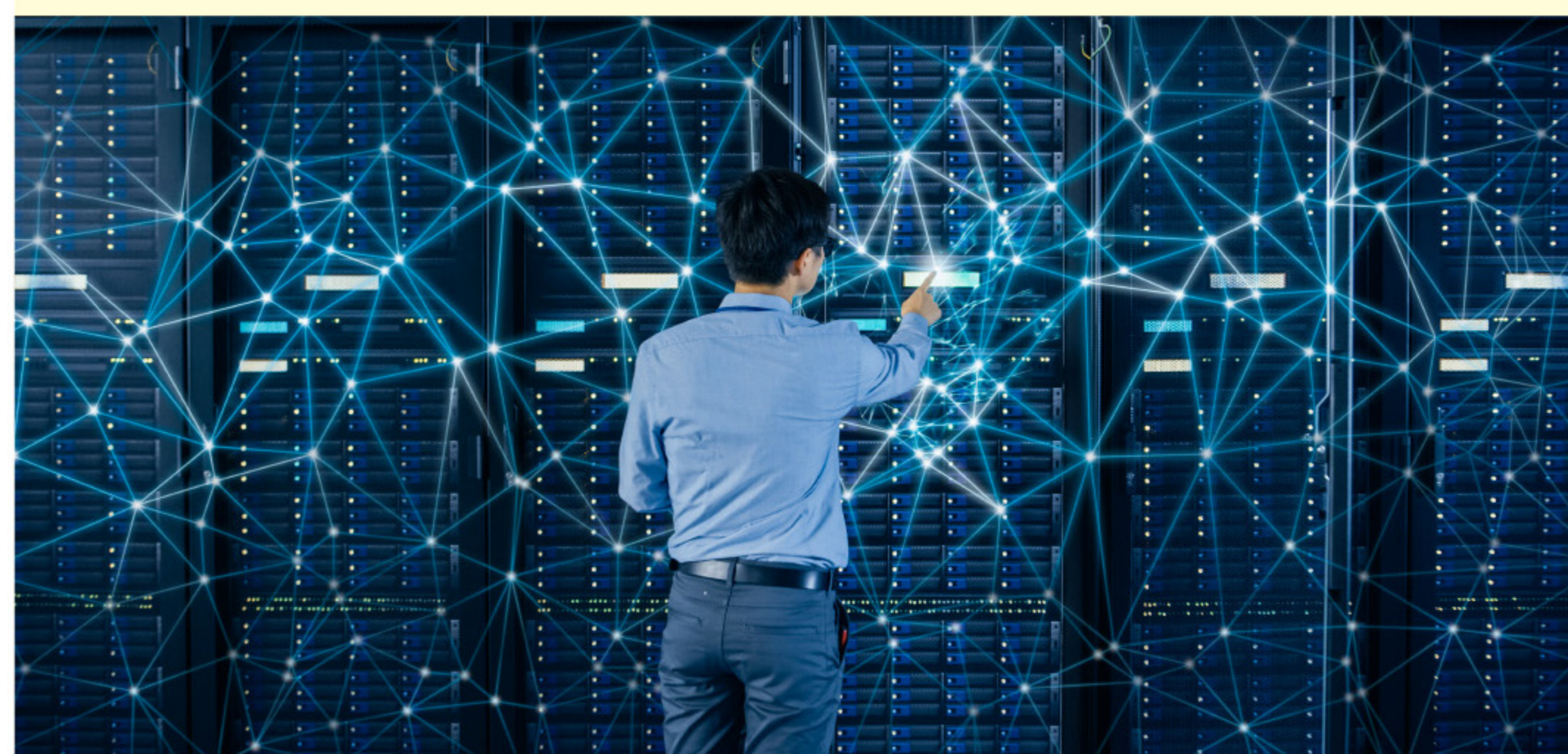
Higher Diploma Year 2

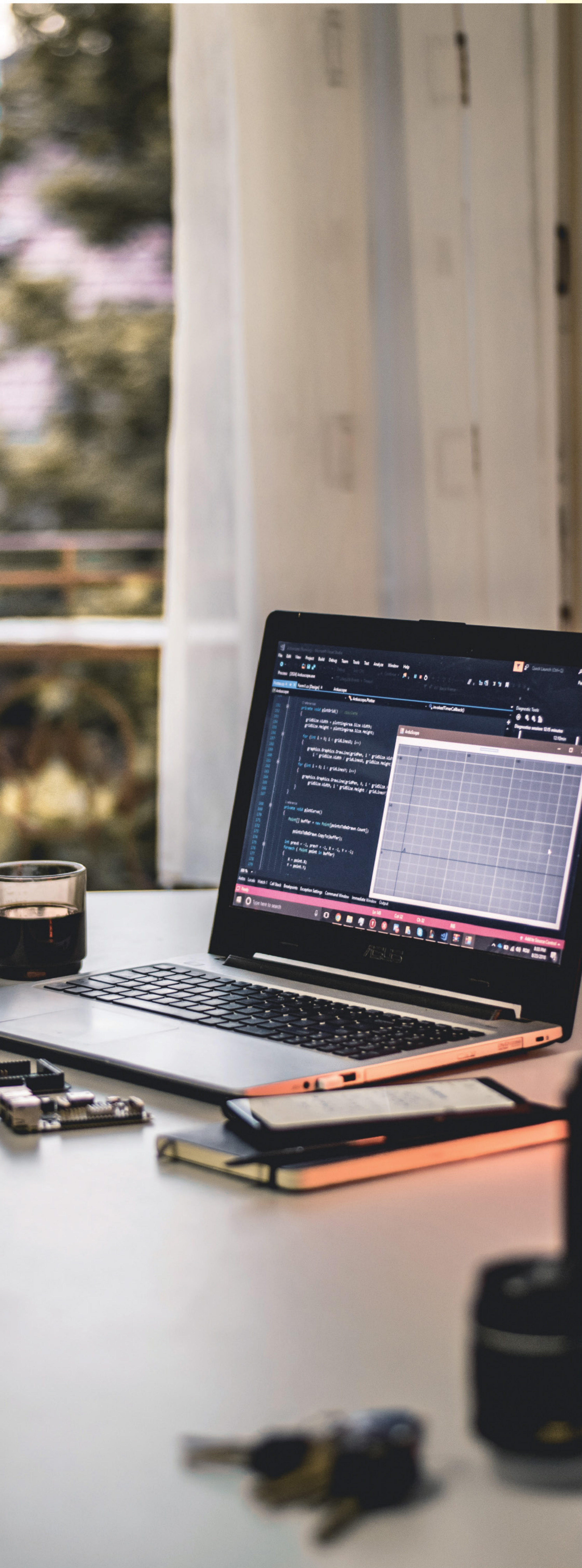
高級文憑二年級

- English for Academic Purposes II 學術英語（二）
- English for Science and Technology 科技英語
- Practical Chinese[§] 實用中文[§]
- Web Programming II 互聯網程式編寫（二）
- Big Data Analytics 大數據分析
- Artificial Intelligence and Machine Learning 人工智慧和機器學習
- Contemporary Issues of Technology Application 當代科技應用
- Business Intelligence Applications 商業智慧應用程式
- eHealth Informatics 電子健康及醫療信息
- Applied Intelligent Technologies Project / Technology Placement 應用智能科技專題項目/科技實習

[§] Non-Chinese speaking students or students who have not received sufficient training in the Chinese language may apply for exemption from the Chinese course(s), and alternative courses may be assigned.

如學生母語並非華語，或未達校方認可的中文水平，可申請免修中文科目，校方會指派其他科目代替。





MINIMUM ENTRY REQUIREMENTS

最低入學資格

2-year Higher Diploma Programme 兩年制高級文憑課程

- Obtain Level 2 or above in 5 subjects*^s including English Language, Chinese Language[#] and Mathematics in HKDSE, or equivalent; OR 香港中學文憑考試其中五科*^s(包括英國語文、中國語文[#]及數學)考獲第二級或以上成績，或具同等學歷；或
- Hold a recognised Diploma in Foundation Studies Programme; OR 完成基礎專上教育文憑課程；或
- Hold a Diploma Yi Jin / Diploma of Applied Education; OR 完成毅進文憑課程 / 應用教育文憑課程；或
- Equivalent qualifications will be considered by the College. 書院亦會考慮同等學歷之申請。

Applicants whose HKDSE results do not meet the entry requirements of the 2-year Higher Diploma programme should apply for admission to the Diploma in Foundation Studies (DFS).

如申請人的香港中學文憑考試成績未能符合兩年制高級文憑課程入學資格，可申請入讀基礎專上教育文憑課程。

Diploma in Foundation Studies Programme 基礎專上教育文憑課程

- Obtain Level 1 or above in English Language and Chinese Language[#] in the HKDSE Examination, AND at least 6 points⁺ in the best 5 subjects*^{^s}; OR 香港中學文憑考試英國語文及中國語文[#]考獲第一級或以上成績；及考獲最佳成績的五科*^{^s}最少達六分⁺或以上；或
- Equivalent qualifications will be considered by the College. 書院亦會考慮同等學歷之申請。

Mature Students 成人學生

- Applicants who do not possess the above academic qualifications, but are aged 21 or above and with relevant work experience will be considered by the College. 申請人如未能符合最低入學資格，但年滿二十一歲並具相關工作經驗，書院亦會考慮其申請。

* Applicants are allowed to use not more than 2 Applied Learning (ApL) subjects in the application. The recognition of the ApL subjects is as follows:
“Attained with Distinction (II)” is deemed equivalent to Level 4 or above;
“Attained with Distinction (I)” is deemed equivalent to Level 3; and
“Attained” is deemed equivalent to Level 2 in the HKDSE Examination.

可包括不多於兩科應用學習科目：

- 「達標並表現優異(II)」相等於香港中學文憑考試第四級或以上的成績；
- 「達標並表現優異(I)」相等於香港中學文憑考試第三級；及
- 「達標」相等於香港中學文憑考試第二級。

[#] ApL Chinese (for non-Chinese speaking students) would be accepted as an alternative Chinese Language qualification.

非華語學生申請入學時，如只有「應用學習中文」成績，亦獲書院接納。

^s If one of the five HKDSE subjects is Citizenship and Social Development, the requirement will be “Attained” for the subject.

如該五科的其中一科為「公民與社會發展」，其要求則是在該科取得「達標」成績。

[^] If the candidate has attempted less than 5 subjects but obtained 6 points or above, the application will still be considered.

如申請人報考少於五科，但成績達六分或以上，書院仍會考慮其申請。

⁺ Level 5** = 7 points; Level 5* = 6 points; Level 5 = 5 points; Level 4 = 4 points; Level 3 = 3 points; Level 2 = 2 points; Level 1 = 1 point.

第五級** = 七分；第五級* = 六分；第五級 = 五分；第四級 = 四分；第三級 = 三分；第二級 = 兩分；第一級 = 一分。

TUITION FEE

學費

The tuition fees for newly admitted students in the academic year 2024-25 are as follows: 2024-25年度入學新生的學費如下：

Diploma in Foundation Studies 基礎專上教育文憑	Higher Diploma Year 1 高級文憑一年級	Higher Diploma Year 2 高級文憑二年級
港幣 HK\$45,000	港幣 HK\$59,000	港幣 HK\$59,000

All fees will be paid in 2 equal instalments and subject to annual revision. 學費每年將分兩期繳交，書院每年會因應情況調整學費。

OTHER SCHOLARSHIPS, BURSARIES AND SPONSORSHIPS

其他獎學金、助學金及計劃贊助

With the generosity of the Directors of Po Leung Kuk et al, numerous scholarships, bursaries and sponsorships are established as an encouragement to students who have excelled in their studies or made significant contributions in serving fellow students or the community.

為鼓勵同學爭取更佳成績，並積極貢獻社區、服務同學，書院設立多項獎學金、助學金及計劃贊助，蒙各界人士或公司慷慨捐贈，包括：保良局董事會成員、社會賢達，以及其他團體。

SCHOLARSHIPS FOR NEWLY-ADMITTED STUDENTS

新生入學獎學金

The College has established scholarships for applicants with outstanding results in the current HKDSE. The applicant could be awarded the scholarship upon successful admission to the College. Awardees may receive a maximum of a full first-year scholarship.

書院設立新生入學獎學金，給予在應屆香港中學文憑考試中考獲優良成績的申請者。同學若成功入讀由書院開辦之課程，有機會獲頒獎學金。成功被甄選的同學最高可豁免首年學費。

FINANCIAL ASSISTANCE

學費資助



Government Grants and Loans:

政府資助：

- Financial Assistance Scheme for Post-secondary Students (FASP)[@]
專上學生資助計劃[@]
- Non-means-tested Loan Scheme for Post-secondary Students (NLSPS)[@]
專上學生免入息審查貸款計劃[@]
- Continuing Education Fund (CEF)[#]
持續進修基金[#]

[@] Not applicable to the Diploma in Foundation Studies (DFS) programme. Students of the Diploma in Foundation Studies programme can apply for financial assistance via the Extended Non-means-tested Loan Scheme. 不適用於基礎專上教育文憑課程。修讀基礎專上教育文憑課程的同學，可申請「擴展的免入息審查貸款計劃」。

[#] Applicant must not have obtained any other publicly-funded financial assistance (such as FASP) for the same course. 申請人必須從未就同一科目在其他公帑資助計劃下獲得任何資助，例如「專上學生資助計劃」。

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(Apr 2024)