



Higher Diploma in Applied Intelligent Technologies

應用智能科技高級文憑

2022-23

Higher Diploma in APPLIED INTELLIGENT TECHNOLOGIES

應用智能科技高級文憑



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.
- 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。實習更可提昇學生的求職能力，引導他們參與發展事業的活動，並學會從經驗中學習。

PROFESSIONAL RECOGNITION

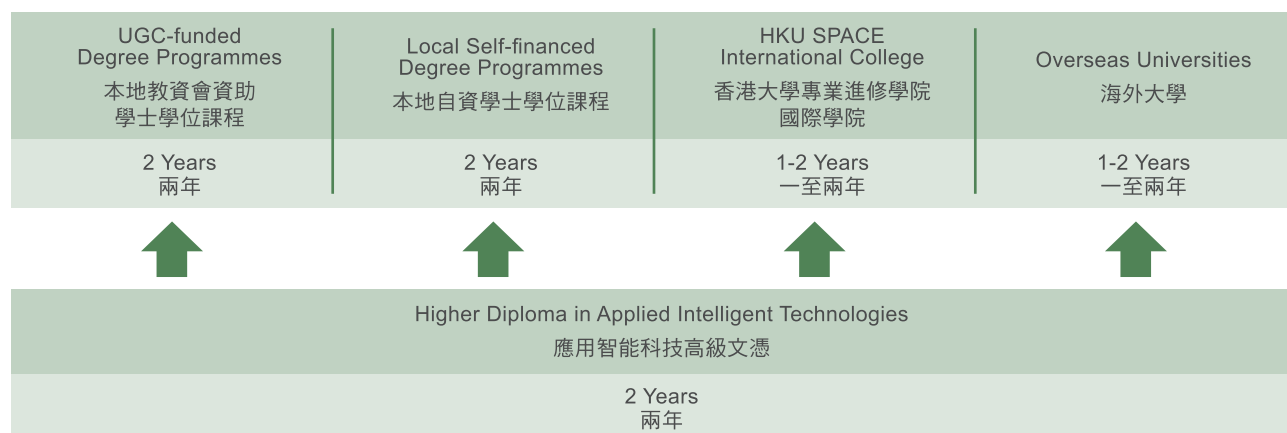
專業認證

Students can take the examination of AWS Certified Solutions Architect - Associate. The examination fee can be fully subsidised by the College.

學生可報考AWS Certified Solutions Architect - Associate認證，並獲書院全數資助考試費用。

PROGRESSION PATHS

升學之路



OPPORTUNITIES FOR FURTHER STUDIES 升學前景

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 and overseas universities*:

本課程畢業生可申請以下本地或海外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*：

Degree programmes offered by 8 UGC-funded local universities:

由八大教資會資助院校開辦的學位課程：

- | | |
|--|--|
| <ul style="list-style-type: none"> • The University of Hong Kong
BEng Computer Science
BEng Data Science and Engineering | <ul style="list-style-type: none"> • The Chinese University of Hong Kong
BSc Computer Science
BEng Artificial Intelligence: Systems and Technologies |
| <ul style="list-style-type: none"> • The Hong Kong University of Science and Technology
BSc Computer Science
BSc Data Science and Technology | <ul style="list-style-type: none"> • The Education University of Hong Kong
BSc (Hons) Artificial Intelligence and Educational Technology
(Senior year entry) |
| <ul style="list-style-type: none"> • The Hong Kong Polytechnic University
BSc (Hons) Computer Science | <ul style="list-style-type: none"> • City University of Hong Kong
BSc Computer Science |

Degree programmes offered by local self-financed institutions:

由本地自資院校開辦的學位課程：

- | | |
|--|---|
| <ul style="list-style-type: none"> • Hong Kong Metropolitan University
BSc (Hons) Computer Engineering (Senior year entry)
BSc (Hons) Computer Science (Senior year entry) | <ul style="list-style-type: none"> BSc (Hons) Cyber and Computer Security (Senior year entry)
BSc (Hons) Data Science and Artificial Intelligence (Senior year entry)
BComp (Hons) Internet Technology (Senior year entry) |
|--|---|

Degree programmes offered locally by overseas universities in collaboration with HKU SPACE:

海外大學與香港大學專業進修學院於本港合辦的學士學位課程：

- Part-time, final year, BSc (Hons) Cyber Security, the University of Plymouth (UK) ;
兼讀制，最後學年入學，英國普理茅斯大學Cyber Security榮譽理學士；
- Part-time, 2-year, BSc (Hons) Computer Network and Security, the Middlesex University (UK) .
兩年兼讀制，英國The Middlesex University Computer Network and Security榮譽理學士。

* 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。

SCHOLARSHIP FOR NEW PROGRAMMES 新課程獎學金

The College has established a new scholarship as an encouragement to students who have passion to continue their studies in the field of information technology. The new admittees of this programme may receive the scholarship award of HK\$20,000 upon successful admission to the College.

為鼓勵同學將來投身與資訊科技相關的行業或修讀相關學位課程，書院設立了新課程獎學金。成功入讀本課程的新生有機會獲頒港幣20,000元獎學金。

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

[§] 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.

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

[§] 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* including English Language, Chinese Language[#] and Mathematics in HKDSE, or equivalent; OR 香港中學文憑考試其中五科*（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, AND have taken HKDSE Mathematics, or equivalent; OR 完成基礎專上教育文憑課程，並曾修讀香港中學文憑考試數學，或具同等學歷；或
- Hold a Diploma Yi Jin; OR 完成毅進文憑課程；或
- Equivalent qualifications will be considered by the College. 書院亦會考慮同等學歷之申請。

* Applicants 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。

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 on individual merit.

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。



TUITION FEE 學費

The tuition fees for newly admitted students in the academic year 2022-2023 are as follows:
2022-2023 年度入學新生的學費如下：

Higher Diploma Year 1
高級文憑一年級
港幣HK\$59,000

Higher Diploma Year 2
高級文憑二年級
港幣HK\$59,000

All fees will be paid in 2 equal installments 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:

- Financial Assistance Scheme for Post-secondary Students (FASP)
- Non-means-tested Loan Scheme for Post-secondary Students (NLSPS)
- Continuing Education Fund (CEF)[#]

[#] Applicant must not have obtained any other publicly-funded financial assistance (such as FASP) for the same course.

政府資助：

- 專上學生資助計劃
- 專上學生免入息審查貸款計劃
- 持續進修基金[#]

[#] 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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The College reserves the right to amend information published in this leaflet, as necessary.

(Mar 2022)

