

## NURTURING STEM TALENTS FOR SMART CITY 培育智慧城市 STEM專才

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Full Time Programme Information Guide  
全日制課程資訊指南  
2023/2024





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Engineering Discipline of Hong Kong Institute of Vocational Education (IVE Engineering) is the largest of the seven academic disciplines within IVE, a member of Vocational Training Council (VTC). It enrolls a total of 3,100 full-time and 5,300 part-time students\*. IVE Engineering has a total of 10 departments in different IVE campuses offering 17 full time programmes at Higher Diploma and Diploma levels. The programmes mainly cover the four important development areas, Sustainable Built Environment, Innovation and Technology, Engineering Design and Infrastructure, and Smart Mobility, which sustain the economic growth of Hong Kong.

Supported by technology enhanced learning, strong industry partners, state-of-the-art facilities, and highly qualified teaching team, IVE Engineering provides quality and professionally-oriented programmes to secondary school leavers and industry practitioners. Through simulated workplace environments and/or work attachments, students and industry practitioners could equip themselves with professional knowledge and skills that they will need for career development and lifelong learning.

香港專業教育學院(IVE)為職業訓練局(VTC)的機構成員，其轄下的七個學科當中以工程學科(IVE工程)最具規模，共有約3,100名全日制學生及5,300名兼讀制學生\*。IVE工程共有10個學術部門提供17個由文憑至高級文憑程度的全日制課程，涵蓋四個重要發展範疇，包括可持續建築環境、創新科技、工程設計與基建，及智能運輸，支援香港經濟的持續增長。

受惠科技教學的成功，業界伙伴的支援、先進的校園設備，以及資歷水準高的教學團隊，IVE工程能為學生及在職人士提供優質和專業的工程學課程。透過模擬實況工作環境及/或職場實習，學生及在職人士均能汲取所需知識，掌握專業技術，以裝備自己迎合事業發展或持續進修的需要。

## Programme Choice 課程選擇



**16**  
Higher Diploma  
高級文憑

**1**  
Diploma  
文憑



**Student Number**  
(\*Higher Diploma Programme Students  
in Academic Year 2021/22)  
學生人數  
(\*2021/22學年修讀高級文憑學生)

**3,100\***  
Full-time students  
全日制學生

**5,300\***  
Part-time students  
兼讀制學生

## Network of Campus 院校網絡



**10**  
Departments in  
個學術部門  
**8**  
Campuses across Hong Kong  
間院校分別位於香港不同區域

## Academic Staff Number 教員人數



More than  
多於  
**130**

# OUR SIX CORE STRENGTHS 六大核心優勢



**Fulfil the Academic Requirement for  
Registered Professional**  
符合註冊專業人員所需之學歷要求

Programmes are recognised by various government departments fulfilling the academic requirements of registered professionals.  
課程獲多個政府部門認可符合特定專業人員的學術資格。



**Professional Recognition**  
專業認可

Programmes are recognised by various professional bodies in Hong Kong and overseas.  
課程獲多個本地及海外專業團體認可。



**Seamless Progression Pathway**  
完備升學階梯

Seamless progression ladder is provided for school leavers from diploma to degree.  
由文憑到學位，提供完備的升學階梯。



**Bright Career**  
光明前途

Over 90% average employment rate. Graduate average salary is about HK\$16,100<sup>^</sup>. Some graduates can have starting salary more than HK\$20,000<sup>^</sup>.

平均就業率超過90%<sup>^</sup>。畢業生平均月薪約為HK\$16,100<sup>^</sup>，部分畢業生月薪可高達HK\$20,000<sup>^</sup>。

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）



**Professional Teaching Team**  
專業教學團隊

Highly qualified teaching team, most of the teaching staff come from industry with relevant professional qualifications.

資歷水準高的教學團隊，大部分教員來自業界並擁有相關的專業資格。



**State-of-the-art Facilities**  
先進設備

Enhance students' learning with technology enhanced learning facilities and professional equipment.

配備科技教學設施及專業儀器，提升學生學習成效。

# PROGRAMMES & OFFERING CAMPUSES

## 課程及開辦院校

TY Tsing Yi  
青衣

TM Tuen Mun  
屯門

ST Sha Tin  
沙田

MSTI Maritime Services Training Institute  
海事訓練學院

MH Morrison Hill  
摩理臣山

LWL Lee Wai Lee  
李惠利

KC Kwai Chung  
葵涌

HW Haking Wong  
黃克競

CW Chai Wan  
柴灣

### Digital Construction and Engineering Design 數碼建築與工程設計

EG114101	Higher Diploma in Civil Engineering 土木工程高級文憑	P.6	Interdisciplinary programme 跨學科課程
EG114111	Higher Diploma in Surveying 測量學高級文憑	P.7	
EG114143	Higher Diploma in Geospatial Science and Land Surveying 地理空間科學及土地測量高級文憑	P.8	
EG114105	Higher Diploma in Building Studies 建造管理學高級文憑	P.9	
EG114128	Higher Diploma in Architectural Studies 建築學高級文憑	P.10	
EG114142	Higher Diploma in Architectural Technology and Design 建築科技及設計高級文憑	P.11	
AS110112	Higher Diploma in Environmental Protection (Subject Group) 環境保護高級文憑 (科目組)	P.12	

TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW

### Mechanical & Electrical Infrastructure 機電建設

EG114401	Higher Diploma in Electrical Engineering 電機工程高級文憑	P.13
EG114701	Higher Diploma in Mechanical Engineering 機械工程學高級文憑	P.14
EG114702	Higher Diploma in Building Services Engineering 屋宇裝備工程學高級文憑	P.15

TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW

### Innovation & Technology 創新科技應用

EG114403	Higher Diploma in Computer and Electronic Engineering 電腦及電子工程高級文憑	P.16
EG114728	Higher Diploma in Artificial Intelligence and Robotics 人工智能及機械人學高級文憑	P.17

TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW

### Urban Transportation 城市運輸技術

EG114714	Higher Diploma in Aviation 航空學高級文憑	P.18
EG114704	Higher Diploma in Aircraft Maintenance Engineering 飛機維修工程高級文憑	P.19
EG114705	Higher Diploma in Automotive Engineering 汽車工程高級文憑	P.20
EG114712	Higher Diploma in Maritime Studies 海事科技高級文憑	P.21

TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
TY	TM	ST	MSTI	MH	LWL	KC	HW	CW

### Diploma 文憑課程

FS113002E	Diploma of Foundation Studies - Engineering 基礎課程文憑 - 工程	P.22
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TY	TM	ST	MSTI	MH	LWL	KC	HW	CW
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# PROGRAMME INFORMATION 課程資訊



Higher Diploma in

## Civil Engineering 土木工程高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

Professional knowledge on civil and structural engineering, including reinforced concrete design, steelwork design, soil mechanics, Building Information Modelling (BIM), construction management, etc. Graduates are capable of becoming assistant engineers, project coordinators, project officers, works supervisors and technical officers.

學習土木和結構工程的專業知識，包括鋼筋混凝土設計、鋼結構設計、土力學、建築信息模擬(BIM)和營建管理等。畢業生有能力成為助理工程師、項目統籌、項目主任、工程監督員和技術主任等。

### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of graduates from this programme<sup>^</sup> HK\$ 19,500  
本課程畢業生平均月薪<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

### Earn & Learn 職學計劃

Please refer to P.25 - 26  
請詳閱P.25 - 26

### Fulfil Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

Fulfil academic requirement of **Buildings Department TCP** (Grades T1 to T3 of specific streams)  
符合屋宇署 **TCP** (T1 至 T3級別及指定範圍) 的學歷資格

This programme is a **CIC-accredited BIM Coordinator (CCBC)** Course  
本課程為建造業議會認證**建築信息模擬協調員**課程

### Quality Teaching Team 教學團隊

Majority of academic staff are well experienced professionals with engineer qualifications  
大部分教員為擁有工程師資格和豐富經驗的專業人士

### Professional Recognition 專業認可

- Hong Kong Institute of Construction Managers 香港營造師學會
- Royal Institution of Chartered Surveyors 英國皇家特許測量師學會
- The Hong Kong Institution of Engineers 香港工程師學會

### State-of-the-art Facilities 先進設備

Modern advanced equipment and laboratory facilities for Civil Engineering and Building Information Modelling  
土木工程相關的現代先進設備和建築信息模擬





Higher Diploma in

## Surveying 測量學高級文憑

### Professional Knowledge 專業知識

The programme offers professional knowledge on Building Surveying (planning, design, project management, building inspection, etc) and Quantity Surveying (financial planning, tendering, contract management, cost planning, etc). Graduates are capable of performing professional duties related to building surveying or quantity surveying.

課程提供有關建築測量（規劃、設計、項目管理、樓宇檢收等）和工料測量（財務規劃、招標、合同管理和成本策劃等）的專業知識。畢業生能夠從事建築測量或工料測量的專業工作。

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of graduates from this programme<sup>^</sup>  
本課程畢業生平均月薪<sup>^</sup> **HK\$ 16,700**

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

### Earn & Learn 職學計劃

Please refer to P.25 - 26  
請詳閱P.25 - 26

### Fulfil Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

A recognised qualification to take up the post of Surveying Officer in HKSAR government and public works contract  
獲得專業資格在香港特別行政區政府及建築公司任職測量主任

Fulfil academic requirement of **Buildings Department TCP** (Grades T1 to T3 of specific streams)  
符合屋宇署 **TCP** (T1 至 T3級別及指定範圍) 的學歷資格

This programme is a CIC-accredited BIM Coordinator (CCBC) Course  
本課程為建造業議會認證建築信息模擬協調員(CCBC)課程

### Professional Recognition 專業認可

Graduates with relevant working experience can participate in the assessment of Hong Kong Institute of Surveyor Professional Competence Scheme (APC) and can be qualified as professional surveyor in 5 years at the soonest possible time  
畢業生累積相關工作經驗可參與香港測量師學會的專業評核試，最快可在5年後取得專業測量師資格

Higher Diploma in

## Geospatial Science and Land Surveying 地理空間科學及土地測量高級文憑

### Professional Knowledge 專業知識

To support Smart City development in Hong Kong, this programme is aimed to provide students with comprehensive knowledge in the geospatial sciences, including acquiring, processing, analysing and managing spatial data for our built and natural environment. The programme is also designed to nurture talents to perform duties related to land surveying and geographic information technology.

為支援香港的智慧城市發展，課程旨在為學生提供地理空間科學的綜合知識，包括採集、處理、分析及管理建築和自然環境的空間數據。課程還旨在培育從事土地測量和地理信息技術相關職責的人才。

More Information  
更多資料



### State-of-the-art Facilities 先進設備

Advanced surveying instruments such as laser scanners, Mobile LiDAR systems, GNSS receivers, drones and a diverse range of software are provided to support teaching and learning  
提供先進的測量儀器，如激光掃描儀、移動雷射雷達系統、全球衛星導航系統接收器、無人機，以支援教與學需要

### Professional Career 專業發展

Graduates may be employed as assistant land surveyors, survey officers (Engineering/Land/Cartographic), technical officers (Land/Photogrammetry/Cartographic), GIS specialists, GIS consultants, etc. in various government departments, consultants and contractors  
畢業生可受聘於政府各部門、顧問公司或承造商為助理土地測量師、測量主任(工程/土地/製圖)、技術主任(土地/攝影測量/製圖)、地理資訊科技(GIS) 技術員、地理資訊科技(GIS)分析員等職位

### Fast Growing Industry 新興發展行業

The development of the "Northern Metropolis" and the "Kau Yi Chau Artificial Islands" will increase the demand for high-quality geospatial data acquisition and management and create a multitude of new opportunities for geospatial professionals  
「北部都會區」及「交椅洲人工島」的發展將增加對高質量地理空間數據採集和管理的需求，為地理空間專業人士創造大量新機會

### Professional Recognition 專業認可

The programme will seek recognition from the Hong Kong Institute of Surveyors and the Chartered Institution of Civil Engineering Surveyors (CICES).  
本課程將尋求香港測量師學會及英國特許土木工程測量師學會(ICES)的認可

### Articulation 升讀學士

Graduates may further study in relevant degree programmes offered by local and overseas universities, including Senior Year of BSc (Hons) in Land Surveying and Geo-Informatics offered by the Hong Kong Polytechnic University via the Non-JUPAS Local Senior Year Admissions  
畢業生可報讀本地及海外大學提供的相關學位課程，包括透過非聯招本地高年級入學途徑申請入讀香港理工大學土地測量及地理資訊學系（榮譽）理學士高年級





Higher Diploma in

## Building Studies 建造管理學高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

Professional knowledge on SUA operation, building technology, buildings ordinance, site management, quality management, safety management. Graduates will be capable of supervisory and managerial positions in the construction industry.

學習有關航拍技巧、建築技術、建築物條例、施工管理、質量管理、安全管理等的專業知識。畢業生將有能力擔任建築行業的監督和管理職位。

Higher Diploma in

## Architectural Studies 建築學高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

This programme provides students with sound training in architectural design, technology, interior design, landscape design and practical skills.

本課程特別涵蓋建築設計、建築科技、室內設計、園林設計及實用技能。

### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of graduates from this programme<sup>^</sup> HK\$ 18,100  
本課程畢業生平均月薪<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29



### Fulfil Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

Fulfil academic requirement of **Buildings Department TCP** (Grades T1 to T3 of specific streams)  
符合屋宇署 **TCP** (T1 至 T3級別及指定範圍) 的學歷資格  
This programme is a CIC-accredited BIM Coordinator (CCBC) Course  
本課程為建造業議會認證建築信息模擬協調員(CCBC)課程



### Professional Recognition 專業認可

- Hong Kong Institute of Construction Managers 香港營造師學會
- Royal Institution of Chartered Surveyors 英國皇家特許測量師學會



### Career Prospect 就業前景

**>90%**

IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of graduates from this programme<sup>^</sup> HK\$ 15,700  
本課程畢業生平均月薪<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）



### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29



### Quality Teaching Team 教學團隊

Majority of academic staff are well experienced professionals with architectural qualifications  
大部分教員為擁有相關建築師資格和豐富經驗的專業人士



### Fulfil Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

Fulfil academic requirement of **Buildings Department TCP** (Grades T1 to T3 of specific streams)

符合屋宇署 **TCP** (T1 至 T3級別及指定範圍) 的學歷資格

This programme is a CIC-accredited BIM Coordinator (CCBC) Course  
本課程為建造業議會認證建築信息模擬協調員(CCBC)課程



### Professional Recognition 專業認可

- Hong Kong Institute of Construction Managers 香港營造師學會
- The Chartered Institute of Architectural Technologists 英國特許建築設計技師學會



# BIM

## BUILDING INFORMATION MODELING

Higher Diploma in

## Architectural Technology and Design

### 建築科技與設計高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

Building Information Modelling (BIM) is an important building technology for the future. Emphasised BIM learning, the programme equips students with necessary skills to become BIM professionals to meet the needs of smart city development.

建築信息模擬 (BIM) 為未來重要的建築技術。課程著重BIM學習，裝備學生成為 BIM 專業人員，以迎合智慧城市發展所需。

### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of graduates from this programme<sup>^</sup> HK\$ 16,300  
本課程畢業生平均月薪<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

### Professional Recognition 專業認可

- Hong Kong Institute of Construction Managers 香港營造師學會
- The Hong Kong Institute of Building Information Modelling 香港建築信息模擬學會

### Fulfil Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

**Construction Industry Council** - Certified BIM Coordinators (CCBC). Upon accumulating required working experience, graduates can become **Certified BIM Coordinators**. 建造業議會「建築信息模擬協調員」之學術要求，畢業生於累積所需工作經驗後，可成為「建築信息模擬協調員」。

### State-of-the-art Facilities 先進設備

BIM Studio is equipped with latest Building Information Modelling (BIM) software and a variety of equipment in laser scanning, 建築信息模擬工作室配備最新建築信息模擬 (BIM) 軟件及一系列3D雷射掃描設備。



Interdisciplinary  
programme  
跨學科課程

Higher Diploma in

## Environmental Protection (Subject Group)

### 環境保護高級文憑 (科目組)

Specialised programme - Environmental Engineering  
專修課程 - 環境工程高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

Higher Diploma in Environmental Engineering is one of the specialised programmes of Higher Diploma in Environmental Protection which is jointly offered by Engineering Discipline and Health & Life Sciences Discipline of IVE. This programme is aimed to equip students with knowledge in environmental pollution control and green construction technologies for sustainable development of Hong Kong. Students of Higher Diploma in Environmental Protection who have completed the common curriculum in the first and second semester can opt to progress to this specialised programme in the third semester so as to enhance their professional skills and knowledge.

環境工程高級文憑，是IVE工程學科與健康及生命科學學科合辦的環境保護高級文憑內其中一個專修課程。本課程旨在讓學生掌握環境污染控制和綠色建築技術的知識，以促進香港的可持續發展。環境保護高級文憑學生在完成第一學期和第二學期的共同課程後，可以選擇在第三學期升讀此專修課程，以提高他們的專業技能和知識。

### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of graduates from this programme<sup>^</sup> HK\$ 15,500  
本課程畢業生平均月薪<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

### State-of-the-art Facilities 先進設備

Modern Laboratory facilities with environmental simulation & Geographic Information Systems (GIS). 現代化的實驗室設施，配有環境模擬及地理信息系統。

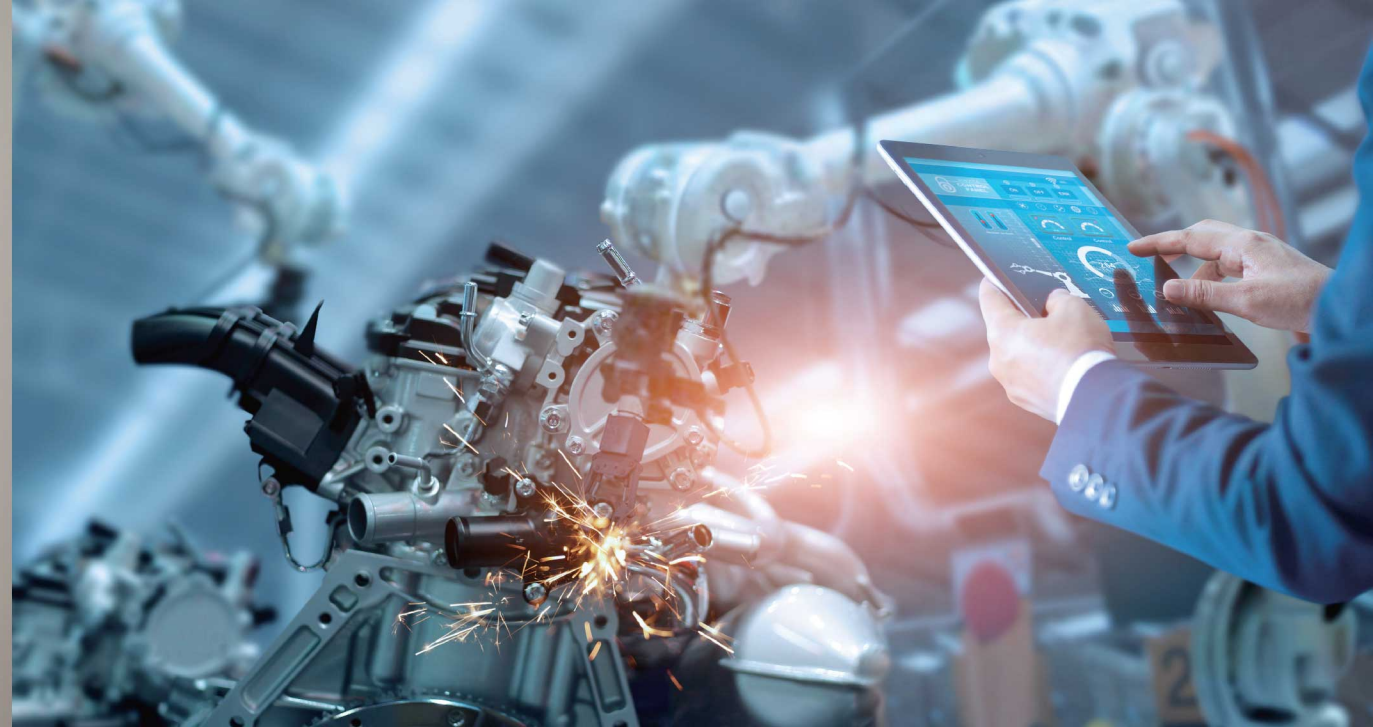
### Professional Recognition 專業認可

- Hong Kong Institute of Construction Managers 香港營造師學會
- The Hong Kong Institution of Engineers 香港工程師學會

### Interdisciplinary Programme 跨學科課程

Interdisciplinary programme collaborated with Health and Life Sciences Discipline. Students can choose to study environmental engineering related areas in the third semester 與健康及生命科學學科合辦的跨學科課程，學生可於第三學期選擇修讀環境工程相關的專業。





Higher Diploma in

## Electrical Engineering 電機工程高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

In addition to professional knowledge on electrical power systems and electrical installation, curriculum is enriched with energy audit and intelligent control elements for smart city development needs.

除了電力系統和電力裝置的專業知識外，亦加入了能源審計及智慧控制的元素以迎合智慧城市發展所需。

### Career Prospect 就業前景

**>90%** IVE Engineering graduate  
average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of  
graduates from this programme<sup>^</sup> HK\$ 15,300  
本課程畢業生平均月薪<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time  
IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Vibrant Learning Experience 精彩學習體驗

Students can join the Electrical Services Stream in semester 3 which is cooperated with Shenzhen Polytechnic  
學生可選擇於第三個學期選修與深圳職業技術學院合辦的電氣服務分流

### State-of-the-art Facilities 先進設備

The CLP Power Engineering Laboratory represents the joint efforts of IVE Engineering and CLP Power Hong Kong Limited in leveraging innovative technologies and advanced training facilities to nurture a new generation of power engineering talent, equipping them with smart grid and high voltage know-how  
「中電電力工程實驗室」由IVE工程與中華電力有限公司共同成立，配備先進科技及專業培訓設施，致力培育具備智能電網、高壓電力等相關知識和技術的新世代電力工程專才

### Fulfill Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

Fulfill the academic requirements of **Grade B Registered Electrical Worker approved by EMSD**.  
機電工程署認可為符合註冊電業工程人員「B」牌的學歷要求

### Professional Recognition 專業認可

The Hong Kong Institution of Engineers  
香港工程師學會

### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

### Earn & Learn 職學計劃

Please refer to P.25 - 26  
請詳閱P.25 - 26

Higher Diploma in

## Mechanical Engineering 機械工程學高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

Professional knowledge of automation, robotics, computer aided engineering design are incorporated in the curriculum to nurture talents for smart city development. Graduates can launch their career in the industries related to development and maintenance of city infrastructures.

課程融入自動化、機械人學、電腦輔助工程設計等專業知識，為智慧城市發展培育人才。畢業生可於建設及保養城市基建設施的相關行業發展事業。

### Career Prospect 就業前景

**>90%** IVE Engineering graduate  
average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time  
IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

### Earn & Learn 職學計劃

Please refer to P.25 - 26  
請詳閱P.25 - 26

### Fulfill Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

The programme is accredited by **Hong Kong Marine Department for Seagoing (Marine Engineering Knowledge and Applied Thermo Fluids elective modules)**. Graduates can be registered as an Engineer Cadet to join the sea-going career  
獲海事處認可的遠洋船舶培訓課程(輪機工程及應用熱流體力學選修單元)。畢業生可註冊為遠洋船舶輪機師實習生

### State-of-the-art Facilities 先進設備

CAD Laboratory and AI & Robotics Centre provide trainings on engineering design, simulation and analysis of mechanical models and projects. Automation Laboratory provides programmable logic controller hands-on practice to students  
CAD實驗室和人工智能及機械人中心提供機械模型和項目的工程設計、模擬和分析的相關培訓。自動化實驗室則為學生提供可編程控制器的實踐訓練

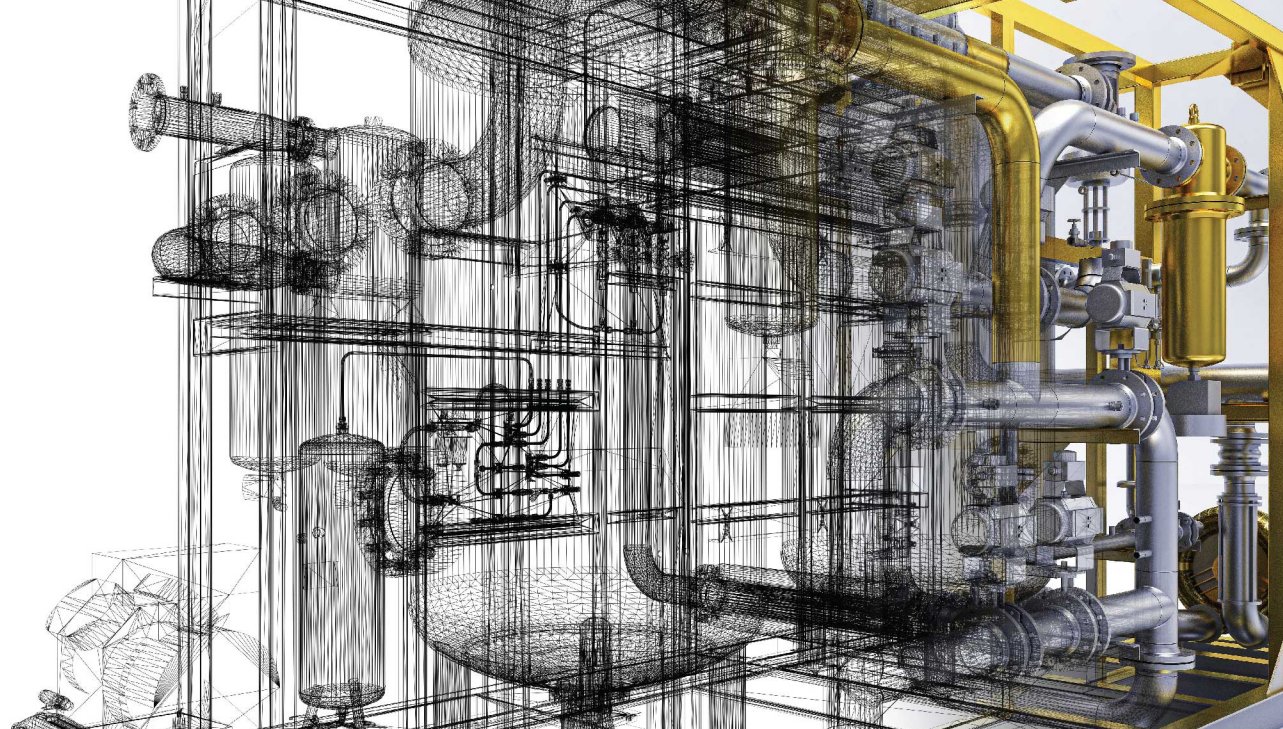
### Vibrant Learning Experience 精彩學習體驗

Students can participate in the IVE Engineering Solar Car Team and IVE ROBOCON Team to gain vibrant learning experience  
學生可參加IVE工程太陽能車隊及ROBOCON團隊，從而得到更多精彩學習體驗

### Professional Recognition 專業認可

The Hong Kong Institution of Engineers  
香港工程師學會





Higher Diploma in

## Building Services Engineering 屋宇裝備工程學高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

In addition to professional knowledge on air conditioning systems, electrical installations, piped and fire safety installations, the curriculum is enriched with training on Building Information Modelling (BIM), building energy management, building automation and control to nurture talents for smart city development.

除了空調系統、電器裝置、管道和消防安全裝置的相關專業知識外，課程還加入了建築信息模擬（BIM）、屋宇能源管理、樓宇自動化和控制方面的培訓，為智慧城市發展培育人才。

#### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of graduates from this programme<sup>^</sup> HK\$ 16,400  
本課程畢業生平均月薪<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

#### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

#### Earn & Learn 職學計劃

Please refer to P.25 - 26  
請詳閱P.25 - 26

#### Professional Recognition 專業認可

The Hong Kong Institution of Engineers  
香港工程師學會

#### Fulfil Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

Fulfil the academic requirements for **Grade B Registered Electrical Worker approved by EMSD.**  
機電工程署認可為符合註冊電業工程人員「B」牌的學歷要求

#### State-of-the-art Facilities 先進設備

Piped Services and Fire Safety Laboratory, Fire Sprinkler Testing Laboratory, HVAC Services Laboratory and Electrical Services Laboratory, enabling students to harness comprehensive skills in building services engineering  
管道及消防實驗室，消防灑水器測試實驗室，暖通空調實驗室及電氣裝置實驗室，讓學生掌握屋宇裝備工程技能

Higher Diploma in

## Computer and Electronic Engineering 電腦及電子工程高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

As Hong Kong is quickly transforming into a world-class smart city, there is a rapid rise in demand for skilled professionals with knowledge in innovative technologies such as Internet-of-Things (IoT), sensor technology, wireless communication, mobile computing, embedded systems, artificial intelligence as well as augmented and virtual reality. This programme is designed to equip students with relevant competence to seize the opportunities of smart city.

隨著香港發展成為世界級智慧城市，社會對具備創新科技例如物聯網、傳感器技術、無線通信、行動計算、嵌入式系統、人工智能，以及擴增和虛擬現實技術相關知識的專業人員需求急增。本課程旨在裝備學生相關能力，以抓緊智慧城市的機遇。

#### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of graduates from this programme<sup>^</sup> HK\$ 15,000  
本課程畢業生平均月薪<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

#### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

#### Earn & Learn 職學計劃

Please refer to P.25 - 26  
請詳閱P.25 - 26

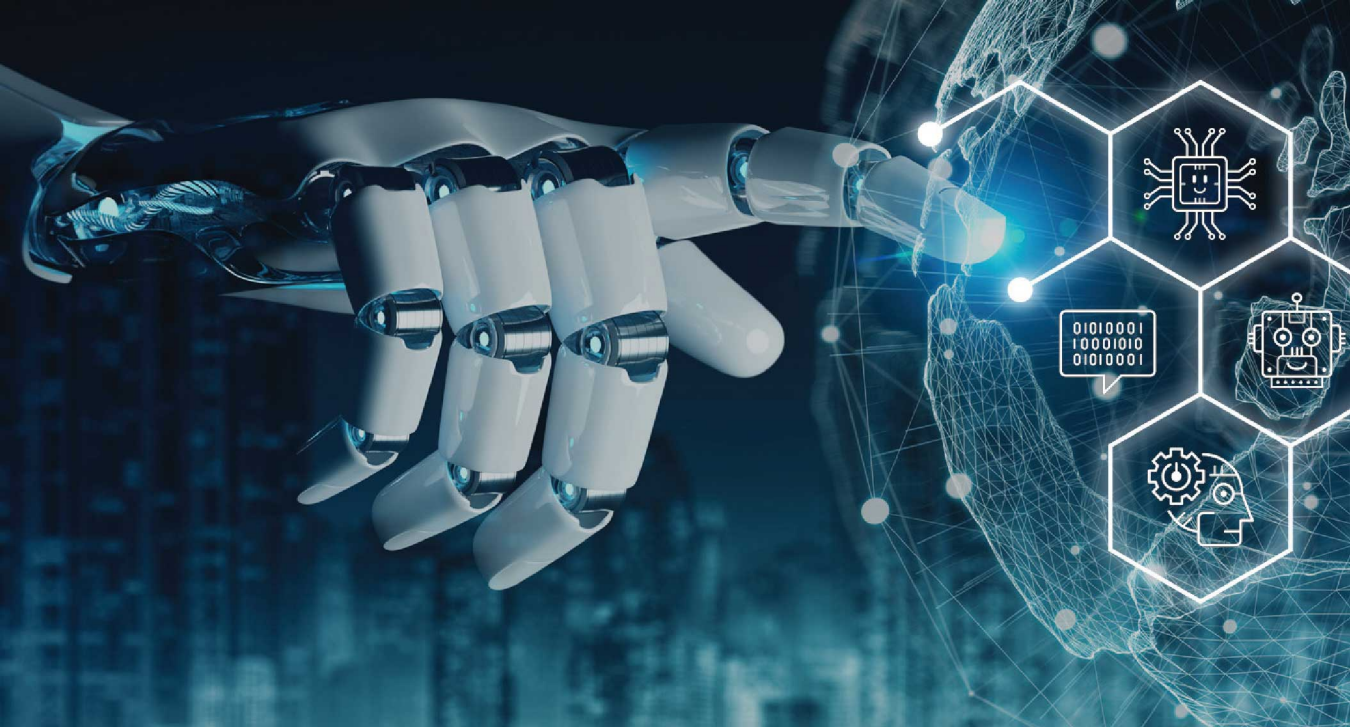
#### IoT State-of-the-art Facilities 先進設備

IoT Innovation & Technology Centre is equipped with latest industrial grade IoT software and hardware in order to provide a stimulating learning environment to students  
物聯網創新科技中心配備了最新的行內級物聯網軟件和硬件設備，為學生提供更啟發學習的環境

#### Professional Recognition 專業認可

This programme will seek accreditation from the Hong Kong Institution of Engineers  
本課程將尋求香港工程師學會的認可





Higher Diploma in

## Artificial Intelligence and Robotics 人工智能及機械人學高級文憑

### Professional Knowledge 專業知識

With the development for Industry 4.0 and smart cities, emerging technologies such as artificial intelligence and robotics are becoming more important. This programme aims to provide students with comprehensive training in robotics, artificial intelligence programming, automation and system integration in order to meet the development needs of smart devices and services in the 21st century.

配合工業4.0及智慧城市的發展，機械人及人工智能等新興技術將愈趨重要。本課程為學生提供了對機械人、人工智能編程、自動化和系統整合領域的知識和技能的全面培訓，以配合21世紀智能設備及服務的發展需求。

More Information  
更多資料



### State-of-the-art Facilities 先進設備

AI and Robotics Centre equips with robot arms, anthropomorphic robot hands, humanoid robot, AI Social robot, nimble robots, autonomous machines, 2D/3D vision system and a variety of advance equipment to enhance learning experience. 人工智能及機械人中心配備機械臂、擬人機械手、人形機械人、人工智能社交機械人、四足機械人、自主性機械、2D/3D視覺系統和各種先進設備，以提升學習體驗。



### Fast Growing Industry 新興發展行業

The robotics industry is expected to grow significantly in the future, especially with robots playing a notably role in disasters and crisis management. Robots can automate tasks for humans in dangerous environments, natural disasters and extreme situations, in order to maintain safe living and working environments. Global living and business environment amid the impact of the COVID-19 pandemic, robotic technology will continue to play a significant role to go beyond the enabler of productivity to ensure safety in low-touch environments, which will build resiliency for businesses to meet future challenges.

機械人行業將在未來進一步發展並發揮積極作用，特別在災難和危機管理時更突顯其關鍵性。機械人能在危險環境、自然災害或極端事件等特殊情況中替代人類自動執行任務，維護安全的生活和工作環境。全球生活及營商環境在2019冠狀病毒病疫情影響下，機械人技術發揮了顯著作用，超越了生產力的推動者位置，以確保在低接觸環境下的安全性，將為企業應對未來挑戰時提供更多彈性。



### Professional Career 專業發展

Graduates can serve as assistant engineers/system engineers/automation engineers in the following areas: robotics application and programming, sensing and tactile development, control and automation, artificial intelligence programming in robotics, system integration and development. With accumulated work experience and continuous learning, they can be promoted to an engineer position in the industry. 畢業生可在以下範疇擔任助理工程師/系統工程師/自動化工程師：機械人應用和編程、傳感和觸覺開發、控制和自動化、機械人技術中的人工智能編程、系統整合和開發等。憑藉數年工作經驗和持續專業進修後，畢業生更可在行業內晉升至工程師職位。



### Vibrant Learning Experience 精彩學習體驗

Students can join the IVE Engineering ROBOCON team to design and build a unique and innovative robotic system. Team members could participate in the ROBOCON - HK contest or even represent Hong Kong in the ABU Asia-Pacific Robot Contest (ABU Robocon). Students can also join WorldSkills - Mobile Robotics or Mechatronics team. Members might also participate in the biennial "WorldSkills Competition" to exchange robotic technology with young competitors from all over the world. 學生有機會加入IVE ROBOCON團隊，設計和構建獨特和創新的機械人系統，出戰「全港大專生機械人大賽」，並有機會代表香港參加「亞太廣播聯盟機械人大賽」；學生還可以加入「世界技能大賽」——移動機器人或機電一體化團隊，並有機會在兩年一度的「世界技能大賽」中與世界各地的年輕人交流機器人技術。



Higher Diploma in

## Aviation 航空學高級文憑

### Professional Knowledge 專業知識

This programme aims to equip students with a broad and professional knowledge and skills for career development in the aviation industry. Students will be prepared to develop a breadth of skills and knowledge across the aviation industry which includes fundamentals of aircraft, operational and management aspects of airlines and airports, as well as cargo and logistics, ground handling and safety.

本課程旨在培訓學生在航空業多方面的專業知識和技能，涉獵航空業的多元化範疇，當中包括飛機基礎、航空公司與機場營運及管理、貨運及物流、地勤操控及安全。

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Career Prospect 就業前景

>90%

IVE Engineering graduate  
average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）



### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

Graduates may manage to complete a top-up degree jointly offered by RMIT University in a year. 畢業生可升讀與澳洲RMIT大學合辦的銜接學士，並最快可於一年內完成該課程。



### State-of-the-art Facilities 先進設備

**Simulated Airport Operations Centre** - features **Flight Simulator, Airport Operations Control Room and Airport Emergency Room**, to provide students with practical learning experience and enhance their operational and technical skillsets in aviation industry. **模擬機場運作中心**，設有模擬飛行駕駛艙、緊急事故操作室和機場運作控制室，有效提升學生對航空業的興趣以及讓他們掌握相關的技巧。



### Professional Pilot Training 專業駕駛訓練

Graduates completed theories on the pilot license can opt to **further their pilot training and flying examinations in Australia** for the pilot license. 本課程修畢飛行員執照理論的畢業生可在澳洲選擇繼續進行飛行訓練及飛行考核以取得飛行員執照。





Higher Diploma in

## Aircraft Maintenance Engineering 飛機維修工程高級文憑

More Information  
更多資料



### Professional Knowledge 專業知識

This programme aims to train students becoming licensed (B1.1 Airframe or B2\* Avionics) aircraft maintenance personnel who may serve as certifying engineers or technicians. Graduates are eligible to apply for the license(s) upon fulfilling the requirements of work experience and examinations.

本課程旨在培訓學生將來成為擁有「航空器維修執照B1.1航空機械專業或B2\*航空電子專業」資格的飛機維修工程師或技術員。畢業生若達到考試成績和工作經驗要求，便有資格申請飛機維修執照。



Higher Diploma in

## Automotive Engineering 汽車工程高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

This programme aims to educate students who will acquire important theoretical knowledge as well as a useful range of employable and practical skills in automotive engineering and business. Supplemented with electric and hybrid electric cars, customer service management elements in curriculum, graduates will be equipped with latest professional skills for the future.

本課程旨在教授及培訓學生認識汽車工程、商務及有關之專業知識和技術。課程加入電動/混合汽車及客戶服務等元素，學生畢業後可掌握最新汽車科技、管理及相關知識，以迎合行業的需求。

### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Fulfill Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

The programme is approved by **Hong Kong Civil Aviation Department** as **HKAR-66 Cat B1.1** and **B2\*** Basic License Training Courses  
民航處認可的**HKAR-66 Cat B1.1**和**B2\***維修執照訓練課程

### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

### Professional Recognition 專業認可

The Hong Kong Institution of Engineers  
香港工程師學會

### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Professional Recognition 專業認可

- The Hong Kong Institution of Engineers  
香港工程師學會
- The Institute of the Motor Industry Hong Kong  
香港汽車工業學會

### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

### State-of-the-art Facilities 先進設備

Facilities for **electric drive training ranging from simulator, diagnostic training platform to electric and hybrid electric cars** are equipped for a comprehensive professional learning  
配備嶄新的**電動車培訓設施**，由模擬器、故障診斷培訓平台、電動/混合動力汽車，以提升全面的專業學習體驗

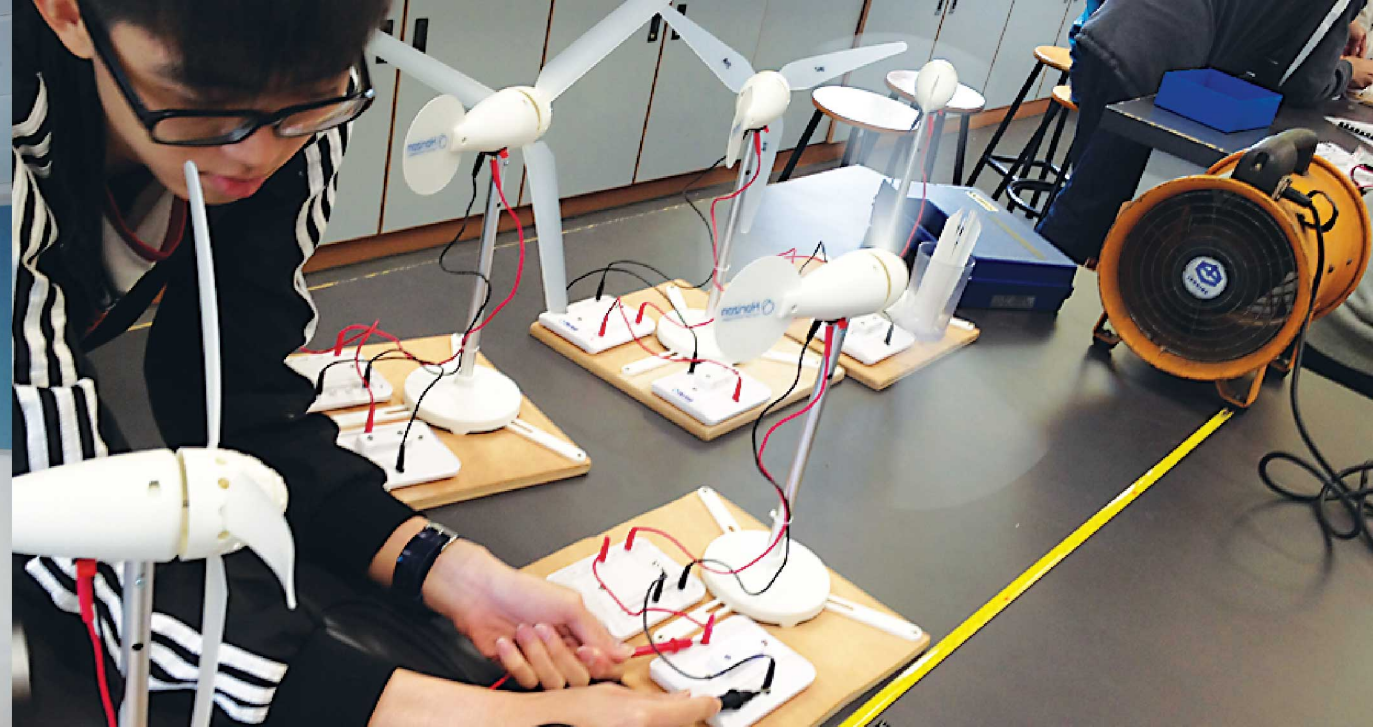
### Vibrant Learning Experience 精彩學習體驗

Students can join IVE Engineering Solar Car Team to participate in the World Solar Challenge. Please refer to P.33 for more details  
學生有機會參加IVE工程太陽能車隊出戰世界太陽能車挑戰賽，請詳閱P.33

### Earn & Learn 職學計劃

Please refer to P.25 - 26  
請詳閱P.25 - 26





Higher Diploma in

## Maritime Studies 海事科技高級文憑

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

In addition to professional knowledge on ocean navigation, ship stability, maritime law, and emergency response, curriculum is enriched with artificial intelligence e-navigation elements.

除了有關遠洋航行，船舶穩定性，海事法規以及緊急應變的專業知識外，課程還加入了人工智能電子導航元素。

### Career Prospect 就業前景

**>90%** IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Graduates can serve in the merchant navy as deck cadets. They may also find their job opportunities in ship management / agency companies, ferry companies, stevedoring / sea freight agents, dockyards, warehousing / container terminals, fuel / inventory supply companies, marine consultancy companies, Marine Department, etc. For those graduates who want to join the seagoing career, over 90% of them can obtain their deck cadet places. 畢業生可擔任輪船上的見習甲板副長。他們亦可受聘於海事顧問公司，倉庫及貨櫃碼頭，燃油及物料補給公司，船舶代理公司，貨物裝卸及代理公司或海事處等的海事相關職位。如畢業生選擇遠洋航海事業，超過90%都能找到見習甲板副長職位。

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）

### Vibrant Learning Experience 精彩學習體驗

Students could join an 11-day training on board the Training Ship at Dalian, China, in which they could exchange with the students from Dalian Maritime University\* Depends on the situation. 學生有機會參加為期11日在大連海事大學訓練船上的實習，並與中國頂尖的大連海事大學學生交流\*視乎情況而定。



### Fulfil Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

The only Marine Department approved programme with exemption from all Class 3 (Deck) Certificate of Competency (CoC3D) written examinations. After gaining sufficient work experience and fulfilling set standards, graduates can obtain CoC3D and eventually become ship captains. 唯一海事處認可課程，可豁免航海執照所有筆試，畢業生累積經驗及達標後，可獲該處發出之航海執照，最終可成為船長。



### State-of-the-art Facilities 先進設備

Furnished with the advanced simulators making learning stimulating. 配備高階模擬系統，提升學習體驗。

- (a) Radar and Ship handling Simulation System 雷達及船隻操作模擬系統
- (b) Marine Engine Simulation System 輪機操作模擬系統
- (c) Desk-top Liquid Cargo Handling Simulation System 液態貨物操作模擬系統
- (d) The Global Maritime Distress and Safety System (GMDSS) Simulation System 全球海事遇險及安全操作模擬系統



### Articulation 升讀學士

Please refer to P.27 - 29  
請詳閱P.27 - 29

## Diploma of Foundation Studies - Engineering 基礎課程文憑 - 工程

More Information  
更多資料



Graduate Sharing  
畢業生分享



### Professional Knowledge 專業知識

The Programme aims to enable students to achieve both the basic skills required for developing a career in the industry, and a sound academic foundation for further studies.

本課程旨在讓學生學習專業就業技能及一般學科知識，為學生投身相關行業及進修作充分準備。



### Career Prospect 就業前景

**>90%**

IVE Engineering graduate average employment rate<sup>^</sup>  
IVE工程畢業生平均就業率<sup>^</sup>

Monthly average salary of graduates from this programme<sup>^</sup> HK\$ 14,800  
本課程畢業生平均月薪<sup>^</sup>

<sup>^</sup> Source: Employment survey of graduates of full-time IVE Engineering programmes in 2021 (as at April 2022)  
資料來源：2021年IVE工程全日制畢業生就業調查（截至2022年4月）



### Articulation 課程銜接

Graduates are eligible to apply for IVE's Higher Diploma programmes, and articulate to degree programme. 畢業生可銜接IVE高級文憑課程，進一步接讀學士學位課程。

IVE Engineering Higher Diploma  
IVE工程高級文憑

Diploma of Foundation Studies  
基礎課程文憑



### Fulfil Academic Requirement of Registered Professionals 符合專業人員所需之學歷要求

Qualified candidates for civil service positions requiring relevant qualifications. 合資格投考需要相關學歷的公務員職位。



### Academic Recognition 學歷認可

- Regarded as having attained Level 2 in 5 subjects in HKDSE, including English and Chinese Language, for civil service appointments. 學歷獲政府認可，等同香港中學文憑考試五科達二級成績(包括英國語文及中國語文)



# INDUSTRIAL ATTACHMENT & INDUSTRY-BASED STUDENT PROJECT SCHEME

## 工作實習及工業專題學生習作計劃



Industrial Attachment & Industry-Based Student Project (IA-IBSP) Scheme is a "work-based experience scheme" providing a real-life organisational context for students to develop specific or generic skills, which is valuable to their professional development.

工作實習及工業專題學生習作(IA-IBSP)計劃為學生提供一個真實的工作環境，令他們有機會發揮所長，將專業知識及技能應用到工作上，為他們未來的專業發展奠定基礎。



Workplace Learning  
職場培訓



**3.5** month Attachment  
月實習期  
(Jan - Apr 一月至四月)



**1,300**  
Students  
學生



**230**  
Organisations for placements  
間機構進行實習



Concerted Supervision  
by IVE & Industry Supervisor  
IVE導師及公司主管共同監督

Every year, IVE Engineering students will receive placements for industrial attachment in different companies/organisations. In Academic Year 2020/21, more than **1,300** students took part in the attachment in around **230** companies/organisations and part of them are listed below:  
每年IVE工程學生都會在不同的公司/機構中實習，於2020/21學年，超過**1,300**名學生獲得由**230**間公司/機構提供的實習職位，部分公司或機構表列如下：

ATAL Engineering Ltd

BeSpark Technologies Engineering Limited

CBRE Limited

C M Wong & Associates Ltd

Castco Testing Centre Limited

Chevalier (Construction) Company Limited

China State Construction

Creative Property Services Consultants Limited

Crown Motors Ltd

FSE Engineering Group Ltd

Gammon Construction Ltd

Guardian Fire Engineers & Consultants Ltd

HKT Services Limited

Hong Kong Aero Engine Services Limited

isBIM Limited

Jardine Engineering Corporation

Johnson Controls Hong Kong Limited

Keio Engineering Co. Ltd

KML Engineering Ltd

MTR Corporation Limited

Paul Y. Engineering Group Limited

REC Engineering Co Ltd

Sanfield (Management) Limited

SATS HK Limited

Savills Property Management Ltd

Siemens Ltd Hong Kong

Southa Technical Limited

Vircon Limited

WSP (Asia) Ltd

Yau Lee Construction Co. Ltd.

安樂工程有限公司

鎂燦科技工程有限公司

世邦魏理仕香港

黃志明建築工程師有限公司

佳力高試驗中心有限公司

其士(建築)有限公司

中國建築

創毅物業服務顧問有限公司

皇冠汽車有限公司

豐盛機電工程有限公司

金門建築有限公司

衛保消防工程顧問有限公司

香港電訊

香港航空發動機維修服務有限公司

香港互聯立方有限公司

怡和機器

江森自控香港有限公司

京王工程有限公司

高明科技工程有限公司

香港鐵路有限公司

保華建築集團有限公司

盈電工程有限公司

新輝(建築管理)有限公司

新翔(香港)有限公司

第一太平戴維斯物業管理有限公司

西門子有限公司

南龍機電工程有限公司

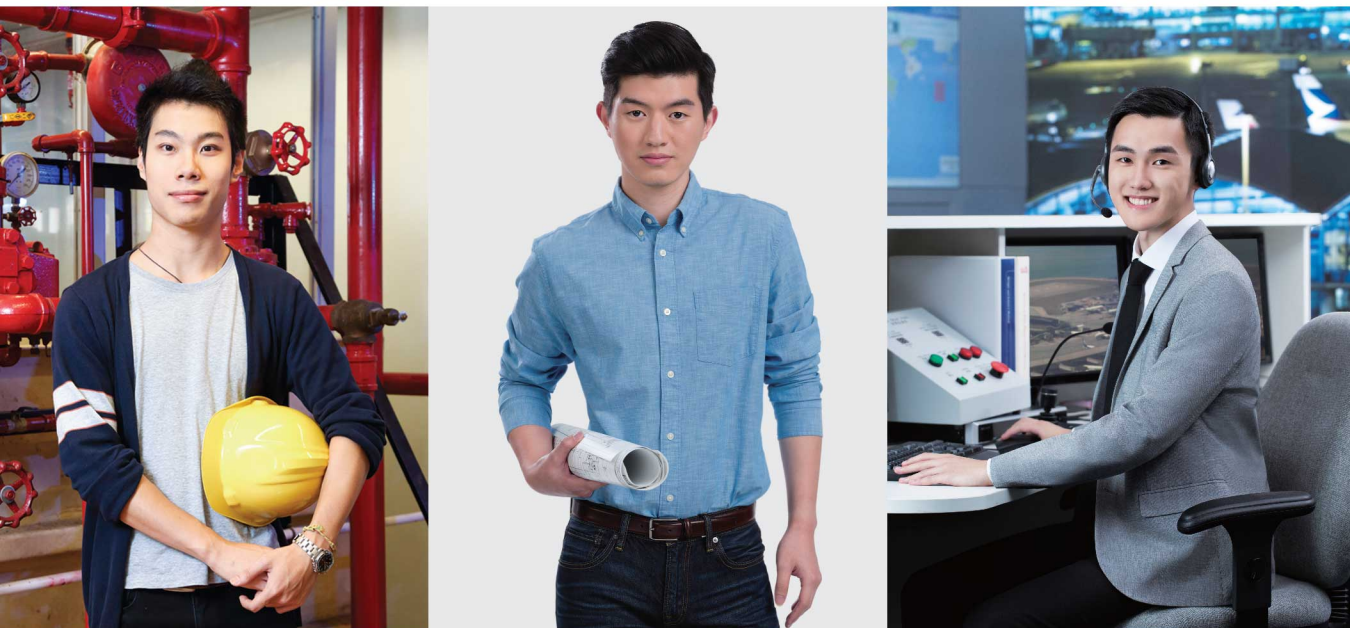
香港雲建有限公司

科進顧問(亞洲)有限公司

有利建築有限公司



# EARN & LEARN HIGHER DIPLOMA PROGRAMME 職學計劃高級文憑課程



Students studying the higher diploma programmes below can opt to join the Earn & Learn Scheme in the 2nd year  
修讀以下高級文憑課程的學生可於第二年選擇職學計劃

EG114101  
Higher Diploma in Civil Engineering  
土木工程高級文憑

EG114111  
Higher Diploma in Surveying  
測量學高級文憑

EG114401  
Higher Diploma in Electrical Engineering  
電機工程高級文憑

EG114403  
Higher Diploma in Computer and Electronic Engineering  
電腦及電子工程高級文憑

EG114701  
Higher Diploma in Mechanical Engineering  
機械工程學高級文憑

EG114702  
Higher Diploma in Building Services Engineering  
屋宇裝備工程學高級文憑

EG114705  
Higher Diploma in Automotive Engineering  
汽車工程高級文憑

## Earn and Learn 有學有賺

On-the-job training and classroom learning at the same time. A steady income and a recognised qualification are guaranteed.

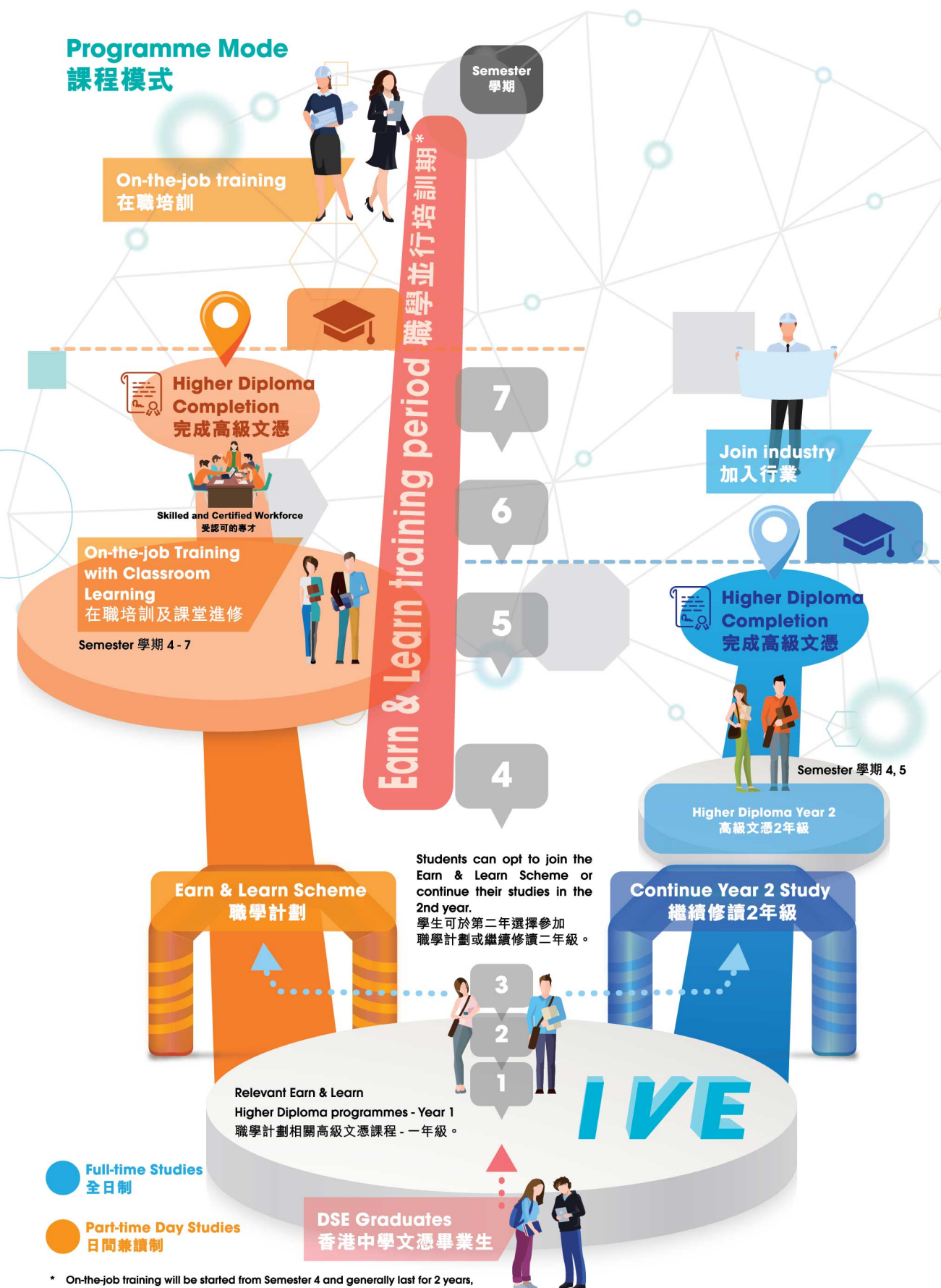
計劃期間，學員一面接受在職培訓，一面讀書進修，以獲取穩定收入及認可學歷。

## Workplace Learning and Assessment 職場學評

Integrated school-based learning and workplace learning. Workplace assessment is developed by making reference to the industry requirements and international standards so that trainees' competencies are widely recognised.

結合校本學習與職場學習。評核標準參考行業要求及國際標準，對學員能力的評核因而具認受性。

## Programme Mode 課程模式



\* On-the-job training will be started from Semester 4 and generally last for 2 years, subject to operational need of programmes/employers.  
在職培訓由第4學期開始，一般為期兩年，視乎個別課程/僱主需要。



# SEAMLESS PROGRESSION PATHWAY

## 完備升學階梯

**Career Prospect**  
就業出路



The programmes offered by IVE Engineering can enhance students' ability to develop professional career upon graduation.  
除繼續升學外，IVE工程的課程充分配合行業需要，讓學生畢業後可以投身行業發展專業。

**Degree Programme**  
學士學位課程



Articulate to local UGC funded degree programme/  
top-up degree programme/study abroad.  
升讀本地八大教資會資助學位課程/銜接學士學位課程/海外升學



**IVE Engineering Higher Diploma**  
IVE 工程 高級文憑



Five HKDSE subjects at Level 2 or above, including English Language and Chinese Language; OR VTC Diploma of Foundation Studies; OR VTC Diploma of Vocational Education / Diploma of Vocational Baccalaureate; OR Diploma Yi Jin; OR Equivalent. There is no specific entrance requirement on Mathematics for most of the programmes. For details, please refer to the VTC admission website.  
香港中學文憑考試五科成績達第二級或以上，包括英國語文及中國語文；或 VTC 基礎課程文憑；或 VTC 職專文憑 / 職專國際文憑；或 毅進文憑；或同等學歷。除個別課程外，大部分課程均沒有特定數學科入學條件，詳情請參閱VTC入學網頁。

**Diploma of Foundation Studies**  
基礎課程文憑

Completion of Secondary 6 (under the New Senior Secondary Academic Structure) or equivalent  
完成中六 (新高中學制) 或 同等學歷

## Articulate to Local UGC-funded Degree Programmes

### 升讀本地八大教資會資助學位課程

Some of our graduates/students are admitted to UGC-funded degree programmes every year. The list below shows the programmes that our graduates of recent years have articulated to:

本學院每年均有畢業生/學生成功入讀八大教資會資助學位課程。以下為近年本課程畢業生的升學資料：

#### The University of Hong Kong

##### 香港大學

Bachelor of Engineering 工學學士  
BEng in Civil Engineering 工學士(土木工程)  
BEng in Computer Engineering 工學士(計算機工程)  
BEng in Electronic Engineering 工學士(電子工程)  
BEng in Electrical Engineering 工學士(電機工程)  
BEng in Mechanical Engineering 工學士(機械工程)

#### The Chinese University of Hong Kong

##### 香港中文大學

BEng in Computer Engineering 工學士(計算機工程學)  
BEng in Computer Science 工學士(計算機科學)  
BEng in Electronic Engineering 工學士(電子工程學)  
BEng in Energy and Environmental Engineering 工學士(能源與環境工程學)  
BEng in Information Engineering 工學士(信息工程學)  
BEng in Mechanical and Automation Engineering 工學士(機械與自動化工程學)

#### The Hong Kong University of Science and Technology

##### 香港科技大學

BEng in Civil Engineering 工學士(土木工程)  
BEng in Civil and Environmental Engineering 工學士(土木及環境工程)  
BEng in Computer Engineering 工學士(電腦工程)  
BEng in Electronic Engineering 工學士(電子工程)  
BEng in Electronic and Computer Engineering 工學士(電子及計算機工程)  
BEng in Industrial Engineering and Engineering Management 工學士(工業工程及工程管理)  
BEng in Mechanical Engineering 工學士(機械工程)

#### City University of Hong Kong

##### 香港城市大學

Bachelor of Engineering 工學學士  
BEng Computer and Data Engineering 工學士(電子計算機及數據工程學)  
BEng Electronic and Communication Engineering 工學士(電子及通訊工程學)  
BEng Environmental Science and Engineering 工學士(環境科學及工程學)  
BEng Material Engineering 工學士(材料工程學)  
BEng Mechanical Engineering 工學士(機械工程)  
BEng Nuclear and Risk Engineering 工學士(核子及風險工程)  
BEng Systems Engineering and Management 工學士(系統工程學)  
BSc Architectural Studies 理學士(建築學)  
BSc Computer Science 理學士(電腦科學)

#### The Hong Kong Polytechnic University

##### 香港理工大學

BD of Engineering 工程學廣泛學科  
BEng (Hons) in Air Transport Engineering 民航工程學(榮譽)工學士  
BEng (Hons) in Aviation Engineering 航空工程學(榮譽)工學士  
BEng (Hons) in Building Services Engineering 屋宇設備工程學(榮譽)工學士  
BEng (Hons) in Civil Engineering 土木工程學(榮譽)工學士  
BEng (Hons) in Electrical Engineering 電機工程學(榮譽)工學士  
BEng (Hons) in Electronic and Information Engineering 電子及資訊工程學(榮譽)工學士  
BEng (Hons) in Environmental Engineering and Sustainable Development 環境與可持續發展學(榮譽)工學士  
BEng (Hons) in Industrial and Systems Engineering 工業及系統工程學(榮譽)工學士  
BEng (Hons) in Product Analysis and Engineering Design 產品分析及工程設計學(榮譽)工學士  
BEng (Hons) in Mechanical Engineering 機械工程(榮譽)工學士  
BEng (Hons) in Transportation Systems Engineering 運輸系統工程學(榮譽)工學士  
BSc (Hons) in Computing 電子計算(榮譽)理學士  
BSc (Hons) in Enterprise Engineering with Management 企業工程兼管理(榮譽)理學士  
BSc (Hons) in Environmental and Occupational Safety and Health 環境及職業安全與健康(榮譽)理學士  
BSc (Hons) in Engineering Physics 工程物理學(榮譽)理學士  
BSc (Hons) in Engineering Physics (Optoelectronics) 工程物理學(榮譽)理學士(光電子學)  
BSc (Hons) in Internet and Multimedia Technologies 互聯網及多媒體科技(榮譽)理學士  
BSc (Hons) in Surveying 地產及建設測量學(榮譽)理學士

#### Hong Kong Baptist University

##### 香港浸會大學

Bachelor of Science 理學士  
BSc in Computer Science 工學士(計算機科學)

\* Upon admission to the above programmes, graduates can apply for credit exemption. The level of exemption will be considered on individual basis.  
\* 視乎畢業生的個別情況，在入讀上述學位課程時，可申請不同程度的學分豁免。



## Top-up Degree Programmes 銜接學士學位課程

Graduates can pursue top-up degree programmes including, but not limited to programmes jointly offered by VTC School for Higher and Professional Education (SHAPE) and overseas universities or THEi.  
畢業生亦可以選擇包括但不限於以下由才晉高等學院(SHAPE)與海外大學協辦的銜接學士學位課程或香港高等教育科技學院(THEi)學士學位課程。

Programmes 課程	Articulation Opportunities 升學機會	Mode 上課模式	Reg. No. 註冊編號
HD in Civil Engineering 土木工程高級文憑	<ul style="list-style-type: none"> <li>RMIT BEng (Civil and Infrastructure) (Hons) 澳洲皇家墨爾本理工大學 土木及基礎建設工程(榮譽)工學士</li> <li>Coventry BSc (Hons) Construction Management 英國考文垂大學 建造工程管理(榮譽)理學士</li> <li>UCLan BSc (Hons) Building Surveying 英國中央蘭開夏大學 建築測量(榮譽)理學士</li> <li>UCLan BSc (Hons) Quantity Surveying 英國中央蘭開夏大學 工料測量(榮譽)理學士</li> </ul>	FT/PT PT PT PT	211755 252032 252193(3) 252193(3)
HD in Building Studies 建造管理學高級文憑 HD in Surveying 測量學高級文憑	<ul style="list-style-type: none"> <li>Coventry BSc (Hons) Construction Management * 英國考文垂大學 建造工程管理(榮譽)理學士 *</li> <li>RMIT BAppSc (Construction Management) (Hons) 澳洲皇家墨爾本理工大學 建設管理應用科學(榮譽)學士</li> <li>UCLan BSc (Hons) Building Surveying 英國中央蘭開夏大學 建築測量(榮譽)理學士</li> <li>UCLan BSc (Hons) Quantity Surveying 英國中央蘭開夏大學 工料測量(榮譽)理學士</li> </ul>	PT FT/PT PT PT	252032 212256 252193(3) 252192(3)
HD in Architectural Studies 建築學高級文憑	<ul style="list-style-type: none"> <li>UCLan BSc (Hons) Architectural Studies 英國中央蘭開夏大學 建築學(榮譽)理學士</li> <li>UWE Bristol BSc (Hons) Architectural Technology and Design 英國西英格蘭大學 建築科技及設計(榮譽)理學士</li> </ul>	PT FT/PT	252562(3) 252831
HD in Architectural Technology and Design 建築科技及設計高級文憑	<ul style="list-style-type: none"> <li>UCLan BSc (Hons) Architectural Studies 英國中央蘭開夏大學 建築學(榮譽)理學士</li> <li>UWE BSc (Hons) Architectural Technology and Design 英國西英格蘭大學 建築科技及設計(榮譽)理學士</li> </ul>	PT FT/PT	252562(3) 252831
HD in Electrical Engineering 電機工程高級文憑	<ul style="list-style-type: none"> <li>RMIT BEng (Electrical Engineering) (Hons) 澳洲皇家墨爾本理工大學 電機工程(榮譽)工學士</li> <li>UWE BEng (Hons) Building Services Engineering * 英國西英格蘭大學 屋宇裝備工程(榮譽)工學士 *</li> </ul>	FT/PT FT/PT	211110 252610
HD in Computer and Electronic Engineering 電腦及電子工程高級文憑	<ul style="list-style-type: none"> <li>UWE Bristol BEng(Hons) Electronic and Computer Engineering 英國西英格蘭大學 電子及電腦工程(榮譽)工學士</li> </ul>	PT	252822
HD in Mechanical Engineering 機械工程學高級文憑	<ul style="list-style-type: none"> <li>RMIT BEng (Mechanical Engineering) (Hons) 澳洲皇家墨爾本理工大學 機械工程(榮譽)工學士</li> <li>UWE Bristol BEng (Hons) Building Services Engineering * 英國西英格蘭大學 屋宇裝備工程(榮譽)工學士 *</li> </ul>	FT/PT FT/PT	212248 252610
HD in Building Services Engineering 屋宇裝備工程學高級文憑	<ul style="list-style-type: none"> <li>UCLan BEng (Hons) Building Services and Sustainable Engineering 英國中央蘭開夏大學 屋宇裝備及持續工程(榮譽)工學士</li> <li>UWE Bristol BEng (Hons) Building Services Engineering 英國西英格蘭大學 屋宇裝備工程(榮譽)工學士</li> </ul>	PT FT/PT	252295 252610
HD in Aircraft Maintenance Engineering 飛機維修工程高級文憑 HD in Aviation 航空學高級文憑	<ul style="list-style-type: none"> <li>RMIT BAppSc (Aviation) 澳洲皇家墨爾本理工大學 航空應用科學學士</li> </ul>	FT/PT	212652

# It is a matter of discretion for individual employers to recognise any qualification to which this course may lead. Please refer to the corresponding programme page in the website of SHAPE for the registered course no.

# 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。課程註冊編號，請參閱SHAPE網頁內相關的課程資料頁面。

\* Specific entrance requirements apply.

\* 需符合特定入學條件

**Non-means-tested Subsidy Scheme for Self-financing Undergraduate Studies in Hong Kong also applies to the above programmes**

**為修讀香港自資學士學位課程學生提供的免入息審查資助計劃適用於以上課程**

- Applicable to eligible Higher Diploma graduates pursuing full-time self-financed undergraduate and locally accredited top-up degree programmes offered by THEi and SHAPE
- 適用於合資格的高級文憑畢業生報讀由香港高等教育科技學院 (THEi) 或才晉高等學院 (SHAPE) 開辦的自資學士學位及全日制經本地評審銜接學位課程

\* For the eligibility and details of the Subsidy Scheme, please visit [www.cspe.edu.hk/en/nmt/index.html](http://www.cspe.edu.hk/en/nmt/index.html)

\* 有關資助計劃詳情及申請資格，請瀏覽 [www.cspe.edu.hk/tc/nmt/index.html](http://www.cspe.edu.hk/tc/nmt/index.html)

## Study Abroad 海外升學

Graduates can further their studies abroad. The list below shows the programmes that our graduates of recent years have articulated to:

本學院每年均有畢業生於海外升學。以下為近年本課程畢業生的海外升學資料：

Australia 澳洲	United Kingdom 英國	United States of America 美國
Queensland University of Technology 昆士蘭科技大學	Birmingham City University 伯明翰城市大學	Swansea University 史雲斯大學
RMIT University 皇家墨爾本理工大學	Leeds Beckett University 利茲貝克特大學	University of Bath 巴斯大學
	Northumbria University 諾桑比亞大學	University of Reading 雷丁大學

## TECHNOLOGY ENHANCED LEARNING 科技教學

Technology enhanced learning (TEL) is an effective use of emerging techniques and technologies to enhance students' learning experience with innovative teaching methods. IVE Engineering has been developing various innovative technologies together with pedagogies in support of learning and teaching, such as Virtual Reality (VR), Augmented Reality (AR), and Massive Open Online Course (MOOC). Various innovative technologies blended in learning and teaching activities could mimic different real-life as well as risky working scenarios, help students comprehend complex structure and operational principles, providing flexibility in learning. TEL is also important to prepare students to successfully engage in this new technological world and guarantee their bright future ahead.



科技教學是利用新興技術，結合創新的教學方法從而提升學生的學習體驗。IVE工程一直在開發各種創新科技及教學法以支持教與學的需要，如虛擬實境 (VR)，擴增實境 (AR)，大型開放式網絡課程 (MOOC)。創新技術可以模擬不同的現實生活和高危工作場景於教學中，幫助學生理解複雜的結構和操作原則，提供更靈活的學習平台。科技教學讓學生成功融入新科技世界並確保他們擁有光明的前景。





# VIBRANT LEARNING EXPERIENCE

## 精彩學習體驗



Virtual Exchange Connects IVE Engineering Students with Peers from Around the World  
IVE工程及海外學生網上交流



More Information  
更多資料



International STEM Students' Forum 2020  
國際STEM學生論壇2020



More Information  
更多資料



Exchanges to Croatia  
克羅地亞交流團



More Information  
更多資料



「創科樂『耆』中」  
樂齡科技設計比賽2020/21頒獎禮

銀獎

Outstanding Multidisciplinary Student Project Shines in Hong Kong Housing Society Geronteck Competition  
跨學科學生項目於創科樂『耆』中樂齡科技設計比賽勇奪殊榮



More Information  
更多資料



IVE Engineering Students Show Creativity in Innovative Design Competition 2020  
IVE工程學生展創意  
創意工程及建築設計比賽2020



More Information  
更多資料



IVE Engineering Students won 1st runner-up in Young Professionals Exhibition and Competition 2020  
IVE工程學生於青年科技專才展覽及比賽奪取亞軍



More Information  
更多資料





## World Solar Challenge 2019 世界太陽能車挑戰賽2019

IVE Engineering Solar Car Team won the 3rd Place in the Cruiser Class of the World Solar Challenge (WSC) 2019 in Australia.

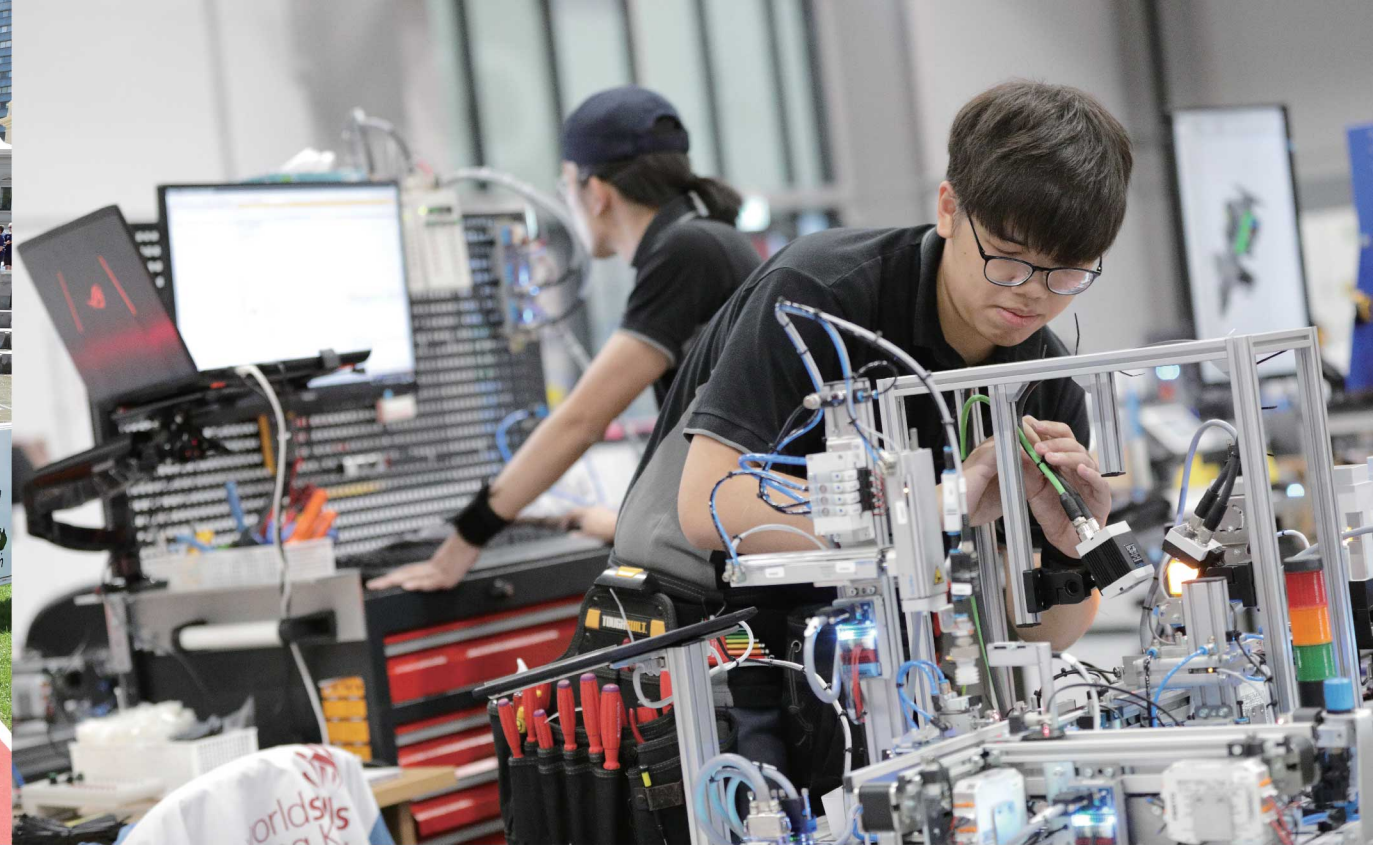
Racing over 3,000km from Darwin to Adelaide, the WSC attracted 44 teams from 21 regions, including Australia, Canada, China, Germany, Japan, the Netherlands, Singapore, Sweden, the UK and the USA. Our team was charged to full power to compete for the championship against top-notch engineering students from around the globe, including those from Stanford University, Tokai University, the University of Michigan and the University of Cambridge. The team demonstrated very stable performance and excellent spirit throughout the demanding journey, and successfully overcame the challenges and achieved glory in the international competition.

IVE工程太陽能車隊榮獲於澳洲舉行的世界太陽能車挑戰賽2019 Cruiser Class季軍。

比賽路段由達爾文到阿德萊德，全長超越3,000公里。比賽吸引超過44隊來自21個國家或地區（包括澳洲、加拿大、中國、德國、日本、荷蘭、新加坡、瑞士、英國及美國等地）之隊伍參加。團隊在比賽中全力以赴與世界頂尖的工程學生爭奪冠軍，當中包括史丹福大學、東海大學、密歇根大學、以及劍橋大學。在整個艱辛賽程中，團隊發揮非常穩定，成功克服難關，並在這國際比賽中獲得殊榮。



More Information  
更多資料



## The 45th WorldSkills Competition 2019 第45屆世界技能大賽2019

IVE Engineering competitors demonstrated their excellence by winning Medallions for Excellence in numbers of Engineering field at the 45th WorldSkills Competition. The WorldSkills Competition is hailed as the 'Skills Olympics'. The competition in 2019 was held in Kazan, Russia and competed in 56 skills across a wide range of industries. It attracted more than 1,300 talented young people from 63 countries and regions. This year, the Hong Kong Team won Medallions for Excellence in 11 trades, the highest-ever number, including Electrical Installations, Mechatronics, Mobile Robotics, and Refrigeration and Air Conditioning. In Mechatronics trade, AU YEUNG Ka Ming and YEUNG Ka Ho, Higher Diploma in Mechanical Engineering graduates ranked 7th out of 34 teams.

IVE工程學生於被譽為「技能界奧林匹克」的「世界技能大賽」表現卓越，獲得多個優異獎章。第45屆「世界技能大賽」於2019年8月在俄羅斯喀山舉行，吸引共63個國家及地區、超過1,300名選手參與，競逐56個比賽項目的獎項。香港代表隊獲11獎，獎牌數目為歷年之冠，當中包括電氣安裝、機電一體化、機械人及空調製冷。在機電一體化項目中，IVE機械工程學高級文憑的畢業生歐陽家明和楊家豪在34支隊伍中奪得第7名。

### List of Medallion for Excellence Winners of IVE Engineering Students IVE工程學生獲優異獎章名單

Skill Competition 比賽項目	Competitor 選手
Electrical Installations 電氣安裝	CHAN Yu Tai 陳宇泰
Mechatronics 機電一體化	AU YEUNG Ka Ming, YEUNG Ka Ho 歐陽家明、楊家豪
Mobile Robotics 機械人	LAW Siu Leung, LEE Wai Kit Ricky 羅兆良、李偉傑
Refrigeration and Air Conditioning 空調製冷	KWOK Chun Ming 郭振銘



More Information  
更多資料





# PROFESSIONAL TEACHING FACILITIES

## 專業教學設施



### CLP Power Engineering Laboratory

#### 中電電力工程實驗室

The CLP Power Engineering Laboratory represents the joint efforts of IVE Engineering and CLP Power Hong Kong Limited in leveraging innovative technologies and advanced training facilities to nurture a new generation of power engineering talent, equipping them with smart grid and high voltage know-how to support the transformation of Hong Kong into a world-class low-carbon smart city. The laboratory consists of two main sections: a Smart Grid Operation Centre and a High Voltage Training Centre. Students studying the Higher Diploma in Electrical Engineering will benefit from the structured and well-recognised power engineering training. The laboratory will serve as a versatile platform to catalyse talent development through academia-industry collaborations.

「中電電力工程實驗室」由IVE工程與中華電力有限公司共同成立，配備先進科技及專業培訓設施，致力培育具備智能電網、高壓電力等相關知識和技術的新世代電力工程專才，以協助推動香港發展為世界級低碳智慧城市。實驗室主要分為「智能電網運行中心」及「高壓培訓中心」兩部分，為修讀IVE電機工程高級文憑等課程的學生，提供更有系統、備受認可的電力工程培訓。中心亦應用為學界與業界培育人才的合作平台。

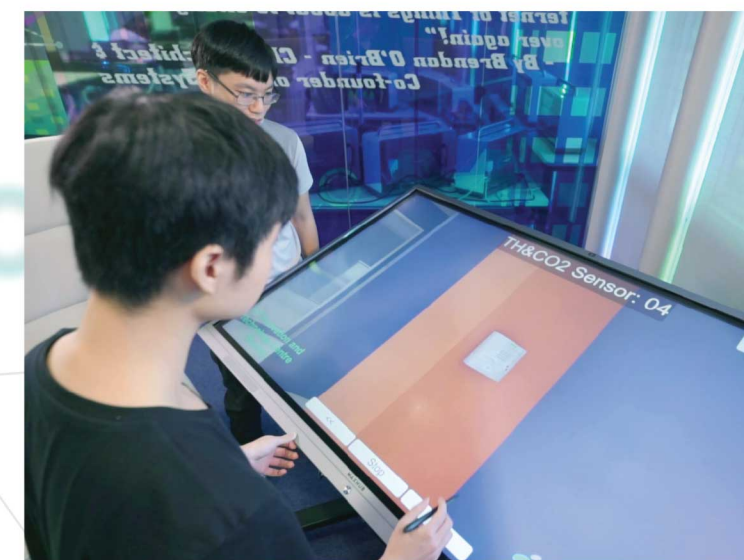


### IoT Innovation & Technology Centre

#### IoT 創新科技中心

The centre is established to strengthen students' knowledge and skills in IoT applications. It will undertake academia-industry collaborative projects, multi-disciplinary projects and applied research in IoT for the goal of producing innovative and impactful solutions for smart city development. Students will develop design thinking skills, and collaborative and problem-solving skills.

中心旨在提升學生於物聯網應用的知識及技能，並透過業界合作、跨學科專題研習等對物聯網應用的研究，從而創造出具創意及具影響力的智慧城市發展方案。學生更可以從中發展設計思維能力、協作能力和解難能力。





# PROFESSIONAL TEACHING FACILITIES

## 專業教學設施



### BIMiHub BIM創新中心

The hub is furnished with brand new BIM software, and a variety of equipment in Augmented Reality (AR), Virtual Reality (VR) and Mixed Reality (MR), blend with BIM applications like HoloLens, 3D laser scanning system, and the unmanned aircraft system.

中心配備嶄新的BIM軟件，並設有一系列擴增實境（AR）、虛擬實境（VR）及混合實境（MR）的設備，以配合BIM技術的應用，如全息透鏡（HoloLens）、3D掃描系統、無人機航拍系統等。



### VTC STEM Education Centre VTC STEM 教育中心

Fostering education support to students with an innovative learning approach, including enhancement of students' proficiency in fundamental subjects such as Mathematics.

通過創新的教學法，中心為學生提供教學支援，包括提高學生在基礎學科如數學科的基準程度。



### Virtual & Augmented Reality (VAR) Learning Centre VAR 學習中心

VAR learning packages are developed to assist students to understand the engineering professional knowledge in a immersive environment, making learning more stimulating and interactive.

以VAR教學設備幫助學生理解工程相關專業知識，讓學習更互動有趣。



### Simulated Airport Operations Centre 模擬機場運作中心

Featuring airport operations, airport emergency and flight simulation elements, the centre provides students with opportunities to familiarize with the professional practices and procedures of the aviation industry which enhance their aviation knowledge and improve their problem solving skills.

加入機場營運，機場緊急應變和模擬飛行訓練等元素，中心幫助學生熟習航空業運作和相關專業程序，有助提高他們的行內知識及解難應變能力。



### AI and Robotics (AIR) Centre 人工智能及機械人中心

AI and Robotics Centre provides trainings relating to computational design, robots manufacturing, programmatic reasoning, human-machine collaboration, etc.

人工智能及機械人中心提供機械人的設計、製造、程式推理和人機協作等範疇的訓練。

### Full Mission Shiphandling Simulator Centre 全能船舶操控模擬中心

The centre in full compliance with international standards and regulations, including the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW), providing simulation of a wide variety of scenarios, to meet different training needs of marine professionals ranging from navigators to masters and harbour pilots.

中心完全符合國際標準和規則，包括「海員培訓，發證和值班標準國際公約」（STCW），提供各種情景的模擬訓練，以配合從航海家到海事專業人員的不同培訓需求。





# ENGINEERING DISCIPLINE ADVISORY BOARD 工程學科顧問委員會



IVE Engineering is dedicated to nurturing professional engineers for Hong Kong and facilitating long-term development of the city. To ensure the relevance and quality of the programmes offered in meeting the ever-changing needs of the economy, IVE Engineering has sought inputs from the engineering industry through the Engineering Discipline Advisory Board to recommend the strategic development of diploma and higher diploma programmes.

IVE工程致力培訓香港未來工程專才，促進城市的長遠發展。透過設立工程學科顧問委員會，IVE工程能與業界定期回顧及商議文憑及高級文憑課程的發展，以滿足不斷變化的經濟及人才需求，並提高課程的質量及社會接受性。

## 2021-2023 Board Member List 2021-2023 委員會名單

### Chairman 主席

Ir Dr Hon LO Wai Kwok, SBS, MH, JP  
盧偉國 博士 工程師 SBS, MH, JP

Legislative Council Member  
立法會議員

### Deputy Chairman 副主席

Dr Michael WANG  
王健國 博士

Deputy Executive Director, Vocational Training Council  
職業訓練局 副執行幹事

### External Members 業界委員

Ir Gary KO  
高志偉 工程師  
Ir Paul POON  
潘偉賢 工程師  
Ir Dr Tony LEE  
李家潤 博士 工程師  
Ir Prof Eric MA  
馬紹祥 教授 工程師  
Ir Andrew YOUNG  
楊孟璋 工程師  
Ir Peter CHAK  
翟志堅 工程師

Executive Director & Chief Operating Officer, Kum Shing Group  
金城營造集團 執行董事兼營運總裁

Vice Chancellor, CLP Power Academy  
中電學院 校長

Operations Director, MTR Corporation Limited  
香港鐵路有限公司 車務總監

Chief Executive Officer, NWS Holdings Limited  
新創建集團 行政總裁

Associate Director (Innovation), Sino Land Company Limited  
信和集團 創新聯席董事

Vice Principal-Towngas Engineering Academy,  
The Hong Kong and China Gas Company Limited  
香港中華煤氣有限公司 中華煤氣工程學院 副院長

Past President, The Hong Kong Institute of Surveyors  
香港測量師學會 前會長

Professor, Department of Electrical and Electronic Engineering,  
The University of Hong Kong  
香港大學 電機電子工程系 教授

Vice President, Geotechnical, AECOM Asia Company Limited  
艾奕康有限公司 香港區土力工程副總裁

Founder & CEO, Provista Group  
保力集團 行政總裁

Deputy Managing Director, REC Engineering Company Limited  
盈電工程有限公司 副常務董事

President, Hong Kong International Aviation Academy  
香港國際航空學院 院長

Sr Thomas HO  
何國鈞 測量師

Prof Kenneth WONG  
黃建業 教授

Ir Dr Johnny CHEUK  
卓子然 博士 工程師

Mr Steve CHUANG  
莊子雄 先生

Ir Antonio CHAN  
陳紫鳴 工程師

Mr Simon LI  
李天柱 先生

### VTC Members 校內委員

Dr Daniel YAN  
甄鼎君 博士

Academic Director (Engineering), Vocational Training Council  
職業訓練局 學術總監(工程)

Ir Edmond WONG  
黃漢平 工程師

Head of Department, Department of Construction, IVE (Tsing Yi)  
香港專業教育學院(青衣) 建造工程系 系主任

Ir Kenny WONG  
王志恆 工程師

Senior Lecturer, Department of Engineering, IVE (Tsing Yi)  
香港專業教育學院(青衣) 工程系 高級講師

Remarks: Member list may be updated if necessary. Please refer to the IVE Engineering website for latest announcement.  
備註: 如有需要, 委員會名單可能有更新, 請瀏覽IVE工程網頁最新公佈。



## INDUSTRY PARTNERSHIP 業界合作



IVE Engineering works closely with industry in the areas of industrial attachment, programmes development and facilities/equipment support. The key industry partners are listed below:  
IVE工程與業界在工作實習、課程發展以及教學設備支援等範疇上保持緊密合作。  
以下表列主要合作伙伴名單：

### Key Industry Partners 主要業界合作伙伴

Airport Authority Hong Kong 香港機場管理局  
Bravo Transport Services Limited 匯達交通服務有限公司  
CLP Power Hong Kong Limited 中華電力有限公司  
Construction Industry Council 建造業議會  
Crown Motors Limited 皇冠汽車有限公司  
Federation of Hong Kong Industries 香港工業總會  
Gammon Construction Limited 金門建築有限公司  
Hong Kong Aero Engine Services Limited 香港航空發動機維修服務有限公司  
Hong Kong Aviation Industry Association Limited 香港航空業協會  
Hong Kong Cruise & Yacht Industry Association 香港郵輪及遊艇業協會  
Hong Kong International Aviation Academy 香港國際航空學院  
Hong Kong Telecommunications Limited 香港電訊有限公司  
Hongkong International Terminals 香港貨櫃碼頭有限公司  
Ka Shui Manufactory Company Limited 嘉瑞製品有限公司  
MTR Academy 港鐵學院  
Siemens Limited 西門子有限公司  
Sinopharm Tech Holdings Limited 國藥科技股份有限公司  
Smart City Academy 智慧城市學院  
The Hong Kong and China Gas Company Limited 香港中華煤氣有限公司  
The Hong Kong Institute of Surveyors 香港測量師學會

## ACADEMIC PARTNERSHIP 學院合作

IVE Engineering collaborates with international institutes in the areas of long-stay attachment programmes, international student exchange and articulation progression. The key partners are listed below:  
IVE工程與海外學院在長期交流實習計劃、學生交流團互訪和升學路徑等範疇合作。  
以下表列重要合作伙伴名單：

### Institution Collaboration Party 學院合作伙伴

#### Australia 澳洲

RMIT University  
皇家墨爾本理工大學  
University of Technology Sydney  
悉尼科技大學

#### China 中國

Chengdu Aeronautic Polytechnic  
成都航空職業技術學院  
Chengdu Polytechnic  
成都職業技術學院  
Guangzhou Industry and Trade Technician College  
廣州市工貿技師學院  
Shenzhen Polytechnic  
深圳職業技術學院  
Sichuan Changjiang Vocational College  
四川長江職業學院  
Sichuan College of Architectural Technology  
四川建築職業技術學院  
Sichuan Post and Telecommunication College  
四川郵電職業技術學院  
Sichuan Vocational and Technical College  
of Communications  
四川交通職業技術學院

#### Finland 芬蘭

Turku University of Applied Sciences  
圖爾庫應用科學大學

#### Japan 日本

National Institute of Technology  
高等專門學校  
National Institute of Technology, Kumamoto College  
熊本高等專門學校  
National Institute of Technology, Nara College  
奈良高等專門學校  
National Institute of Technology, Oyama College  
小山高等專門學校

#### Singapore 新加坡

Institute of Technical Education  
工藝教育學院  
Ngee Ann Polytechnic  
義安理工學院  
Singapore Polytechnic  
新加坡理工學院  
Temasek Polytechnic  
淡馬錫理工學院

#### United Kingdom 英國

Coventry University  
考文垂大學  
Swansea University  
史雲斯大學  
University of Central Lancashire  
中央蘭開夏大學  
University of Strathclyde  
斯特拉斯克萊德大學  
University of the West of England, Bristol  
西英格蘭大學



# PROGRAMME QUALITY ASSURANCE

## 課程質數保證

Under the Accreditation of Academic and Vocational Qualifications Ordinance (Cap.592), the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ) is specified as the Qualifications Register (QR) Authority. QR is a web-based database at [www.hkqr.gov.hk](http://www.hkqr.gov.hk) providing information of qualifications and related learning programmes recognised under the Qualification Framework (QF). All qualifications listed on the QR are quality-assured. Programmes offered by IVE Engineering have undergone the accreditation process and registered under the QF.

在《學術及職業資歷評審條例》(第592章)下，香港學術及職業資歷評審局被指定為資歷名冊當局。資歷名冊 ([www.hkqr.gov.hk](http://www.hkqr.gov.hk)) 是一個中央網上資料庫，載列資歷架構認可資歷及其相應進修課程的資料，而所有資歷均通過質素保證程序。IVE工程所提供的課程均通過評審並成功載列資歷名冊。

### QF Level

#### 資歷架構



Home | Mobile | Useful Links | 繁 | 簡 | Search

About Us Search QR Operators News & Events Help Contact Us

Home > Search > Qualifications Font Size: A A A

Qualifications Search

Keywords: Engineering Types of Qualifications: e.g. IPEP, SCSS, NIOS, NLOS QF Level: 4.5

Advanced Search Reset Search

Search Result / Shortlisted Results  
\* Indicates name has been changed

No. of Operators: 1 No. of Granting Bodies: 1 No. of Search Results: 13

Add to Shortlist Add All to Shortlist

Title of Qualification	QF Level	QF Credit	Name of Operator / Agency	Types	CAT	Status	From	To
Higher Diploma in Aircraft Maintenance Engineering 飛機維修工程高級文憑	4	428	Hong Kong Institute of Vocational Education (IVE), Vocational Training Council	LP	CAT0	✓	03/09/2012	31/08/2026
Higher Diploma in Artificial Intelligence and Robotics 人工智能及機械人學高級文憑	4	325	Hong Kong Institute of Vocational Education (IVE), Vocational Training Council	LP	CAT0	✓	01/09/2020	31/08/2026
Higher Diploma in Automotive Engineering 汽車工程高級文憑	4	329	Hong Kong Institute of Vocational Education (IVE), Vocational Training Council	LP	CAT0	✓	03/09/2012	31/08/2026
Higher Diploma in Aviation 航空學高級文憑	4	320	Hong Kong Institute of Vocational Education (IVE), Vocational Training Council	LP	CAT0	✓	01/09/2017	31/08/2026

# PROFESSIONAL RECOGNITION

## 專業認可



Many professional bodies in Hong Kong and overseas, and government departments acknowledge the quality of our programmes, including:  
本學科的課程獲本港及海外專業團體和政府部門認可，包括：

- Hong Kong Institute of Construction Managers 香港營造師學會
- Royal Institution of Chartered Surveyors 英國皇家特許測量師學會
- The Chartered Institute of Architectural Technologists 英國特設建築設計技術學會
- The Hong Kong Institute of Building Information Modelling 香港建築信息模擬學會
- The Hong Kong Institute of Surveyors 香港測量師學會
- The Hong Kong Institution of Engineers 香港工程師學會
- The Institute of The Motor Industry Hong Kong 香港汽車工業學會
- The Buildings Department of the HKSAR 香港特區政府屋宇署
- The Civil Aviation Department of the HKSAR 香港特區政府民航處
- The Electrical and Mechanical Services Department of the HKSAR 香港特區政府機電工程署
- The Labour Department of the HKSAR 香港特區政府勞工處
- The Marine Department of the HKSAR 香港特區政府海事處



### Academic and Professional Qualifications of Teaching Team

#### 教學團隊的學術及專業資格

Majority of teaching staff possess a Doctoral/Master's Degree  
大部分教員均持有博士/碩士資歷

Majority of teaching staff are members of local/overseas professional bodies, including:  
大部分教員已獲得本地或海外專業學會會員資格，包括：

- Institute of Electrical and Electronics Engineers 英國電機暨電子工程師學會
- Institution of Mechanical Engineers 英國機械工程師學會
- Institution of Civil Engineers 英國土木工程師學會
- The Chartered Institution of Building Services Engineers 英國特許屋宇設備工程師學會
- The Hong Kong Institute of Architects 香港建築師學會
- The Hong Kong Institute of Surveyors 香港測量師學會
- The Hong Kong Institution of Engineers 香港工程師學會
- The Institution of Engineering & Technology 英國工程及科技學會
- The Institution of Engineers Australia 澳洲工程師學會



# ACADEMIC DEPARTMENTS INFORMATION

## 學術部門資料

### IVE (Tuen Mun) 屯門院校

Department of Construction 建造工程系  
Tel 電話：2460-5214

Department of Engineering 工程系  
Tel 電話：2460-5375



### Maritime Services Training Institute 海事訓練學院

Tel 電話：2458-3833



### IVE (Tsing Yi) 青衣院校

Department of Construction 建造工程系  
Tel 電話：2436-8503 / 2436-8505

Department of Engineering 工程系  
Tel 電話：2436-8641 / 2436-8642



### IVE (Haking Wong) 黃克競院校

Department of Engineering 工程系  
Tel 電話：2708-5327



### IVE (Sha Tin) 沙田院校

Department of Engineering 工程系  
Tel 電話：2256-7500



### IVE (Lee Wai Lee) 李惠利院校

Department of Engineering 工程系  
Tel 電話：3928-2500



### IVE (Morrison Hill) 摩理臣山院校

Department of Construction 建造工程系  
Tel 電話：2835-8359

Department of Engineering 工程系  
Tel 電話：2835-8342



### IVE (Chai Wan) 柴灣院校

Department of Engineering 工程系  
Tel 電話：2595-8106





# ENTRANCE REQUIREMENT AND APPLICATION 入學條件及入學申請

## General Entrance Requirement 一般入學條件

Apply online  
入學申請：  
[www.vtc.edu.hk/admission](http://www.vtc.edu.hk/admission)



### Higher Diploma 高級文憑

- Five HKDSE subjects at Level 2 or above, including English Language and Chinese Language; OR
- VTC Diploma of Foundation Studies; OR
- VTC Diploma of Vocational Education / Diploma of Vocational Baccalaureate; OR
- Diploma Yi Jin; OR
- Equivalent
- 香港中學文憑考試五科成績達第二級或以上，包括英國語文及中國語文；或
- VTC 基礎課程文憑；或
- VTC 職專文憑 / 職專國際文憑；或
- 毅進文憑；或
- 同等學歷

Note: There is no specific entrance requirement on Mathematics for most of the programmes. For details, please refer to the VTC Admission Website.

註: 除個別課程外，大部分課程均沒有特定數學科入學條件，詳情請參閱VTC入學網頁。

### Diploma of Foundation Studies 基礎課程文憑

- Completion of Secondary 6 (under New Senior Secondary Academic Structure); OR
- Equivalent
- 完成中六(新高中學制)；或
- 同等學歷

### Tuition Fee 學費

Academic Year 2023/24 Tuition Fees for Full-time Subvented Programmes are listed below for reference

以下表列 2023 / 24 學年全日制資助課程學費供參考

Programmes 課程	Tuition Fees (HK\$) 學費 (港幣\$)	
	1 <sup>st</sup> Year 第一年	2 <sup>nd</sup> Year 第二年*
<b>IVE Engineering Higher Diploma</b> <b>IVE工程高級文憑</b>	<b>\$31,570</b>	<b>\$31,570</b>
<b>Diploma of Foundation Studies - Engineering</b> <b>基礎課程文憑 – 工程</b>	<b>\$20,500</b>	

- The study duration of Higher Diploma programmes is normally 2 years. The tuition fee is payable in two instalments each year.
- The study duration of Diploma of Foundation Studies and Diploma of Vocational Education programmes is normally 1 year. The tuition fee is payable in two instalments.
- # Tuition fees are subject to annual review.
- 高級文憑課程的一般修讀期為兩年，每年學費分兩期繳付。
- 基礎課程文憑及職專文憑課程的一般修讀期為一年，全年學費分兩期繳付。
- # 學費水平會每年檢討。

Notes:

1. In addition to tuition fees, students will be required to pay other fees, such as caution money and students' union annual fees. Students of Higher Diploma Programmes will be required to pay the fee for the study packages of English modules and Chinese modules.
2. All new students are required to pay the 1st instalment of tuition fees and other fees by mid-August 2023 (tentative).
3. Some students may be required to study bridging modules or enhancement programmes to support their study; or to attend additional training, industrial attachments, public examinations for which separate fees will be charged.
4. Students of Diploma of Foundation Studies programme may choose to take the optional module Foundation Mathematics III with a separate tuition fee.
5. The information listed above is only applicable to local students.

備註：

1. 除學費外，學生須繳交其他費用如保證金及學生會年費。高級文憑學生需繳交英文單元研習教材費及中文單元研習教材費。
2. 所有新生暫定於2023年8月中旬繳交第一期學費及其他費用。
3. 為增強對學生的學習支援，學院或會要求部分學生修讀銜接單元/增潤課程；或需參加額外培訓/實習/公開考試，並繳付所需費用。
4. 基礎課程文憑學生如選擇修讀選修單元「基礎數學（三）」，需另繳學費。
5. 以上資料只適用於本地學生。



Information as of 11/2022

資料截至2022年11月

In support of environment protection, the Vocational Training Council will make available limited print copies of marketing collaterals. For latest and comprehensive information on programmes, please visit [engineering.vtc.edu.hk](http://engineering.vtc.edu.hk)

職業訓練局為響應環保，所有刊物均限量印刷。如欲查詢最新及詳細的課程資料，請瀏覽[engineering.vtc.edu.hk](http://engineering.vtc.edu.hk)。

Disclaimer 免責聲明：

1. Latest programme curriculum and relevant information will be updated on the Admission Homepage (<http://www.vtc.edu.hk/admission>). Should there be any inconsistency between the information in this guidebook and that on Admission Homepage, the latter version prevails.

最新的課程內容及相關資料會上載於入學網頁 (<http://www.vtc.edu.hk/admission>)。如本指南與入學網頁的資料有異，均以入學網頁為準。

2. VTC reserves the right to cancel any programme, revise programme title, content or change the offering institutie(s)/ campus(es)/ class venue(s) before class commencement if circumstances so warrant. Details will be announced on the admission page.

職業訓練局有權因應情況於開學前最消任何課程，修正課程名稱，內容或更改開辦課程的院校/分校/上課地點，詳情會於入學網頁公佈。