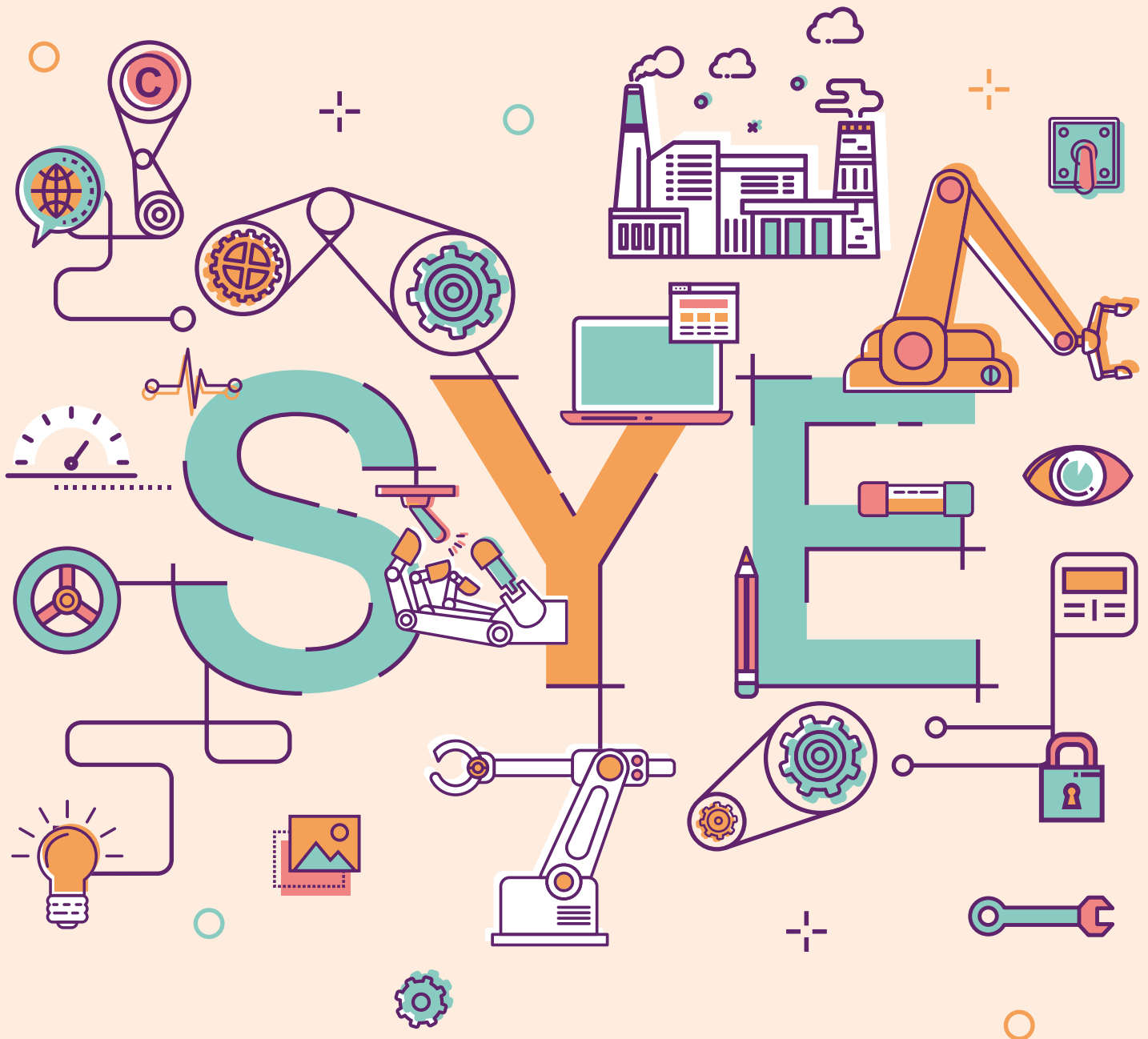




Department of Systems Engineering

香港城市大學  
City University of Hong Kong

College of Engineering



**BEng Intelligent Manufacturing Engineering**

JUPAS  
Code

**JS1216**

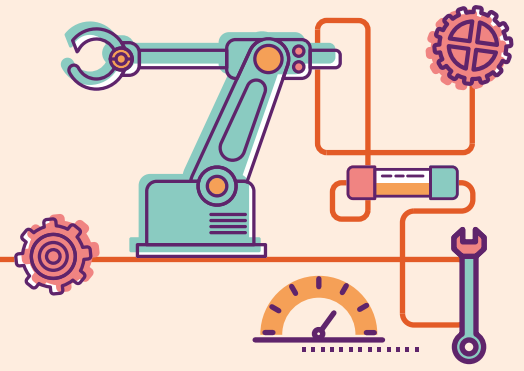
**BEng Innovation and Enterprise Engineering**

JUPAS  
Code

**JS1219**

# BEng Intelligent Manufacturing Engineering

JUPAS Code JS1216



## Programme Features

This programme focuses on the application of state-of-the-art information technology and data analytics to manufacturing engineering for the development of Smart City and Industry 4.0.

## 課程特色

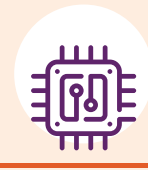
本課程為業界培育通曉工業4.0、智能製造和半導體製造的新一代專才而設，專注於將尖端資訊技術與資料分析應用於製造工程，以推動智慧城市與工業4.0的發展。



Robotics and Automation  
機器人與自動化



Manufacturing Technology  
製造技術



Semiconductor Manufacturing  
半導體製造



Quality & Reliability Engineering  
品質與可靠性工程



Artificial intelligence & Augmented Reality  
人工智慧與擴增實境

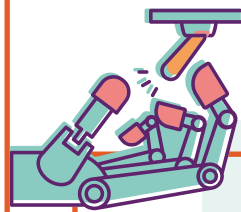
## Student Life Internship

“The programme's emphasis on industry connections has been invaluable. Through the internship placement programme, I secured a position with a leading logistics company, where I applied systems optimization principles to streamline their supply chain operations. The relationships I built through guest lectures, industry partnerships, and career fairs have opened doors I never imagined possible. Many of my classmates have gone on to exciting roles in tech giants, consulting firms, and innovative startups, all leveraging the comprehensive skill set our programme provided.”



HU Huanjia, 2021 cohort

ZHANG Peining  
2021 cohort

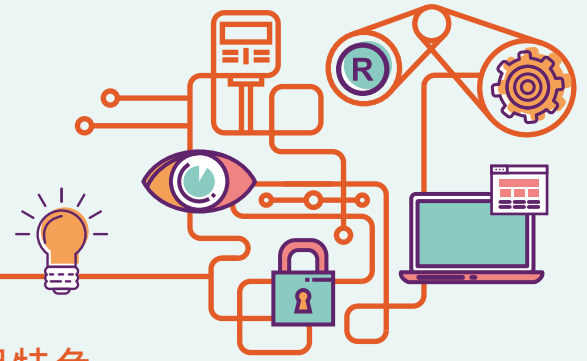


“

“A particularly memorable experience from the programme was my participation in the Overseas Internship Programme. I had the opportunity to join a summer research placement at the Royal Institute of Technology (KTH) in Sweden, working on cutting-edge research in embodied AI and digital twins. This hands-on experience allowed me to apply what I learned in the classroom to real-world problems, and significantly deepened my understanding of machine learning, robotics, and optimization. Beyond the lab, I had the chance to immerse myself in European culture, history, and cuisine—making the internship both academically enriching and personally unforgettable.”

# BEng Innovation and Enterprise Engineering

JUPAS Code JS1219



## Programme Features

This programme focuses on the aspects of innovation and enterprise engineering aiming to nurture a new generation of engineers with an entrepreneurship mindset.

## 課程特色

本課程著重於創新與企業工程領域，旨在培養集工程專業知識、創新思維、市場觸覺、創業家冒險精神於一身的新一代工程師。



Intellectual Property  
知識產權



Innovation and Entrepreneurship  
創新與創業



Industrial attachment  
企業實習



Project Management  
專案管理



Product Development and Innovation  
產品開發與創新

## Outside classroom activities

“I am glad that I have selected this major as it provides me with the opportunity to meet successful people in their fields. This includes gatherings and site visits that were hosted by professors. During the conversations with these successful people, I learned a lot about their field and understood concepts. They will talk about stories of their success, lessons learnt in stages of life and useful tips when developing projects. I also get to ask questions about things I did not understand. They willingly clear up my mind and explain things in detail.”

CHEAH Yu Jin  
2023 cohort



## Exchange



# Student Achievements

Selected scholarships received by our students:

The D. H. Chen Foundation Scholarship  
(陳廷驊基金會獎學金) **\$80,100**

Bright Future Scholarships for  
Outstanding Engineering Students  
(鵬程傑出工程學生獎學金) **\$42,100**

HKSAR Government Scholarship  
(香港特別行政區政府獎學金) **\$40,000**

Lee Shau Kee Scholarships for  
Academic Outstanding Students  
(李兆基優秀學術獎學金) **\$25,000**

The College of Engineering Dean's  
Scholarships **\$25,000**

The Cheng Foundation Scholarships  
(鄭氏基金獎學金) **\$24,000**

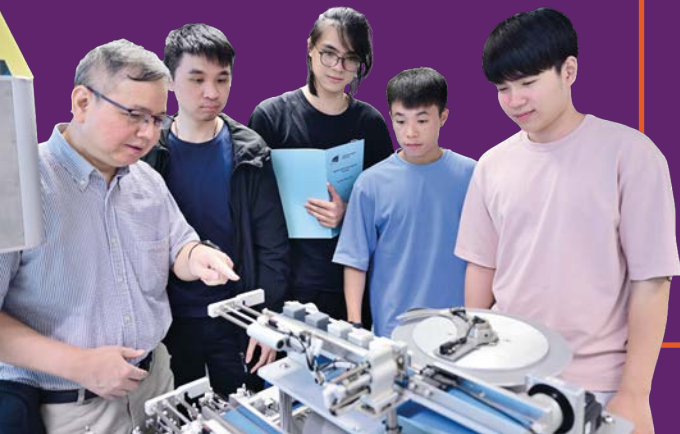
Fung's SYE Scholarship  
(馮氏SYE獎學金) **\$20,000**

... and many more



"If you're looking for a program that combines engineering, technology, and real-world impact, ITME is an excellent choice. The skills you gain—whether in robotics, AI, or industrial IoT—are in high demand across multiple industries, not just manufacturing. The hands-on learning ensures you graduate with practical experience, not just theoretical knowledge."

**Seline HUNG**, 2022 cohort



## Entrance Requirements

Minimum Entrance Requirements

**Level 3**  
English

**Level 3**  
Chinese

**Level 2**  
Mathematics

**Attained**  
Citizenship and  
Social Development

Elective Subjects

Elective 1

**Level 3**

in one elective subject from:

**Biology / Chemistry /  
Design and Applied Technology / Economics /  
Information and Communication Technology /  
M1/M2 / Physics**

Elective 2

**Level 3**

in any elective subjects

**Admission Score Formula:**  
best 5 subjects including  
English and Mathematics



Contact



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