



Department of  
Systems Engineering

香港城市大學  
City University of Hong Kong

# Intelligent Manufacturing Engineering

Department of Systems Engineering

College of Engineering

City University of Hong Kong

**JUPAS Code: JS1216**

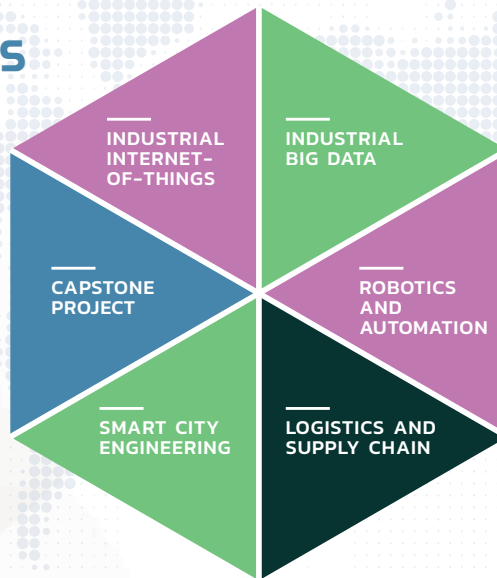
# Aims of the programme

The BEng Intelligent Manufacturing Engineering (ITME) programme aims to nurture young talents for the opportunities with “Industry 4.0” and “Smart City”. This aligns with the Hong Kong Government’s endeavor for re-industrialization with “high-end manufacturing based on new technologies and intelligent production”.

# Curriculum

Our curriculum consists of a set of core courses covering fundamental knowledge of manufacturing and systems engineering, associated with a wide range of electives on different application domains.

# Application domains



# Core subjects:



Engineering Statistics



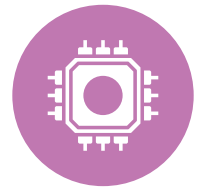
Manufacturing Processes



Quality Engineering



Augmented Reality



Semiconductor Manufacturing

# Entrance Requirement

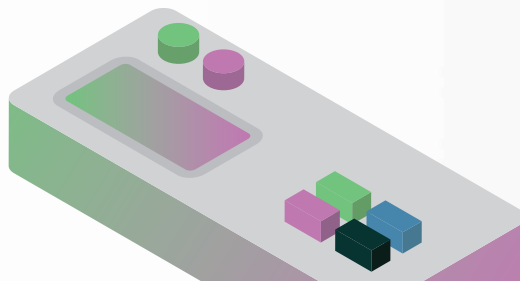
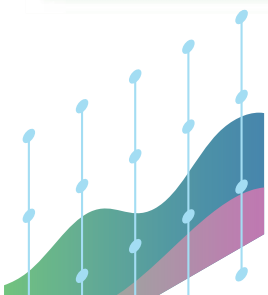
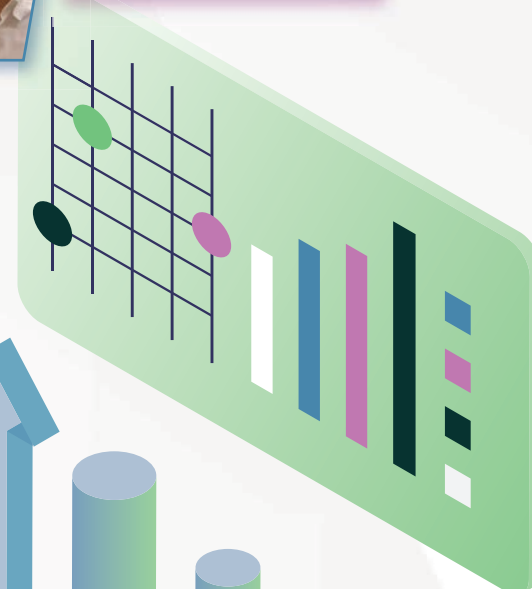
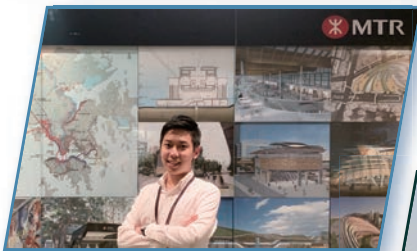
Minimum Entrance Requirements					
English	Chinese	Mathematics	Citizenship and Social Development	Elective Subjects	
				Elective 1	Elective 2
Level 3	Level 3	Level 2	Attained	<b>Level 3 in one elective subject from:</b> <ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Design and Applied Technology</li> <li>• Economics</li> <li>• Information and Communication Technology</li> <li>• M1/M2</li> <li>• Physics</li> </ul>	Level 3 in any elective subjects

Admission Score Formula: best 5 subjects including English and Mathematics



# Career prospects

- Industrial engineer
- Systems engineer
- Intelligent infrastructure engineer
- Logistics operator
- Management trainee
- Data scientist
- Research and development
- Business analyst





## Student life

### Exchange

- Experience study and life overseas

### Study tour

- Opportunity for overseas study experience in summer

### Internship

- Working experience in local and overseas firms

## Student achievements

Selected scholarships received by our students:

**Bright Future Whole Person Development Scholarships  
(鵬程全人發展獎學金) \$82,100 per year**

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

**HSBC Hong Kong Scholarship \$50,000**

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

**Wei Lun Foundation Scholarship \$42,000**

## Scholarship and awards

### Professional activities

- Mentor schemes
- Company visits
- Career fair

Questions? Ask us at [sye.office@cityu.edu.hk](mailto:sye.office@cityu.edu.hk)

## Contact

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