香港教育大學
The Education University of Hong Kong

中學教育榮譽學士 - 資訊及通訊科技

Bachelor of Education (Honours) (Secondary) - Information and Communication Technology

Department of Mathematics and Information Technology

Bachelor of Education (Honours) (Secondary) - Information and Communication Technology

JUPAS code:
JS8361

Duration of Study:
5 years

Funding Category:
UGC-funded

Intake in 2023/24:
16 students

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Programme Aims and Structure

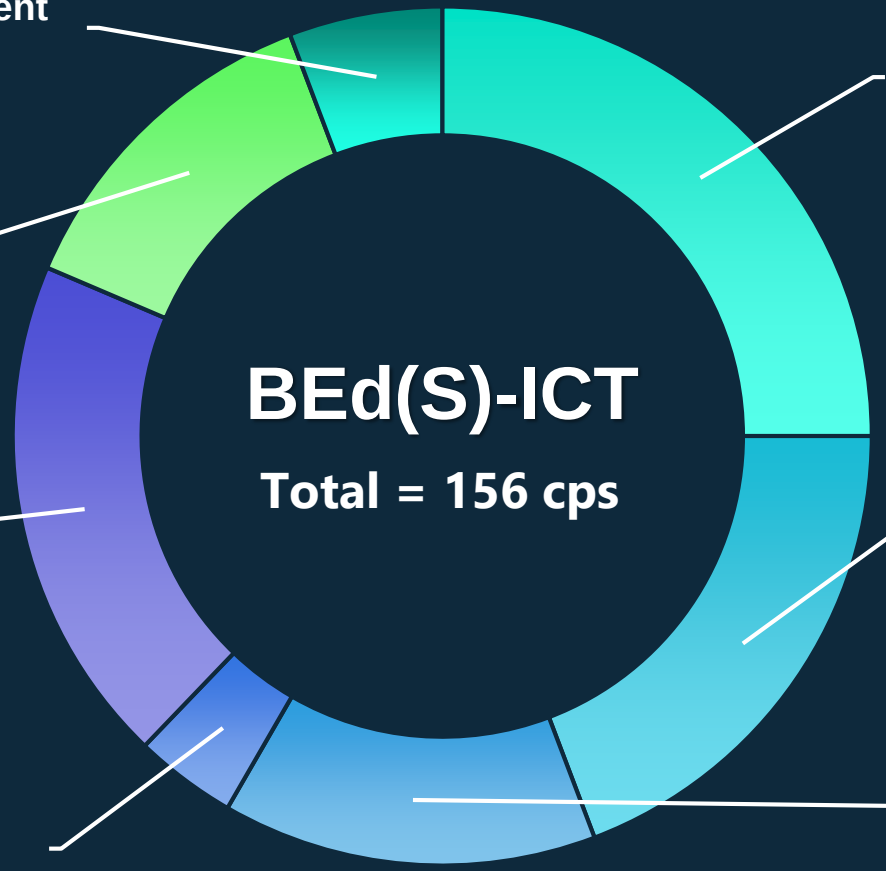
#ICTeacher #Computing #Pedagogy #Problem-solving

Programme Aims

This programme aims at providing students with a wide range of knowledge and skills in the disciplines of information and communication technology (ICT) and ICT education. Upon completion of the programme, students should be able to:

- demonstrate an understanding of basic concepts in **major areas of ICT** that supports the applications of information processing, programming, database and Artificial Intelligence (AI) for problem-solving;
- demonstrate an understanding of methods for **analysing computational problems, and planning and implementing solutions** with ICT to real-world problems;
- realise the **social, ethical and legal issues** pertaining to the use of ICT and appreciate how digital literacy and the sharing of knowledge using ICT influence **decision-making** and shape our society; and
- learn to implement **innovative pedagogical practices** leveraged by **digital technologies** for effective teaching of ICT.

Programme Structure



Language Enhancement
9 cps

Major courses
(including a cross-faculty core course and a major interdisciplinary course)
39 cps

Field Experience
20 cps

Education Studies
(Education Studies Core, Pedagogy for Major)
30 cps

Electives
(free electives, minor or second major)
30 cps

General Education
22 cps

Final Year Project
(Honours/ Capstone Project)
6 cps

Major courses

- Foundations of Information and Communication Technologies
- Introduction to Programming and Problem Solving
- Data Structures and Algorithms for Data Mining
- Database Management Systems
- Computer Organization and Operating Systems
- Web Design and Digital Authoring
- Internetworking
- Web Database Applications for Data Analytics
- Mobile Applications Design and Development
- Artificial Intelligence and Machine Learning
- Technologies in STEM and AI Education
- Curriculum, Pedagogy and Assessment in ICT Education
- Trends and Development in Learning and Teaching of ICT
- Internet, Politics and Law
- Technology in Business and Creativity

#coding #web #AI #pedagogy #data #technology

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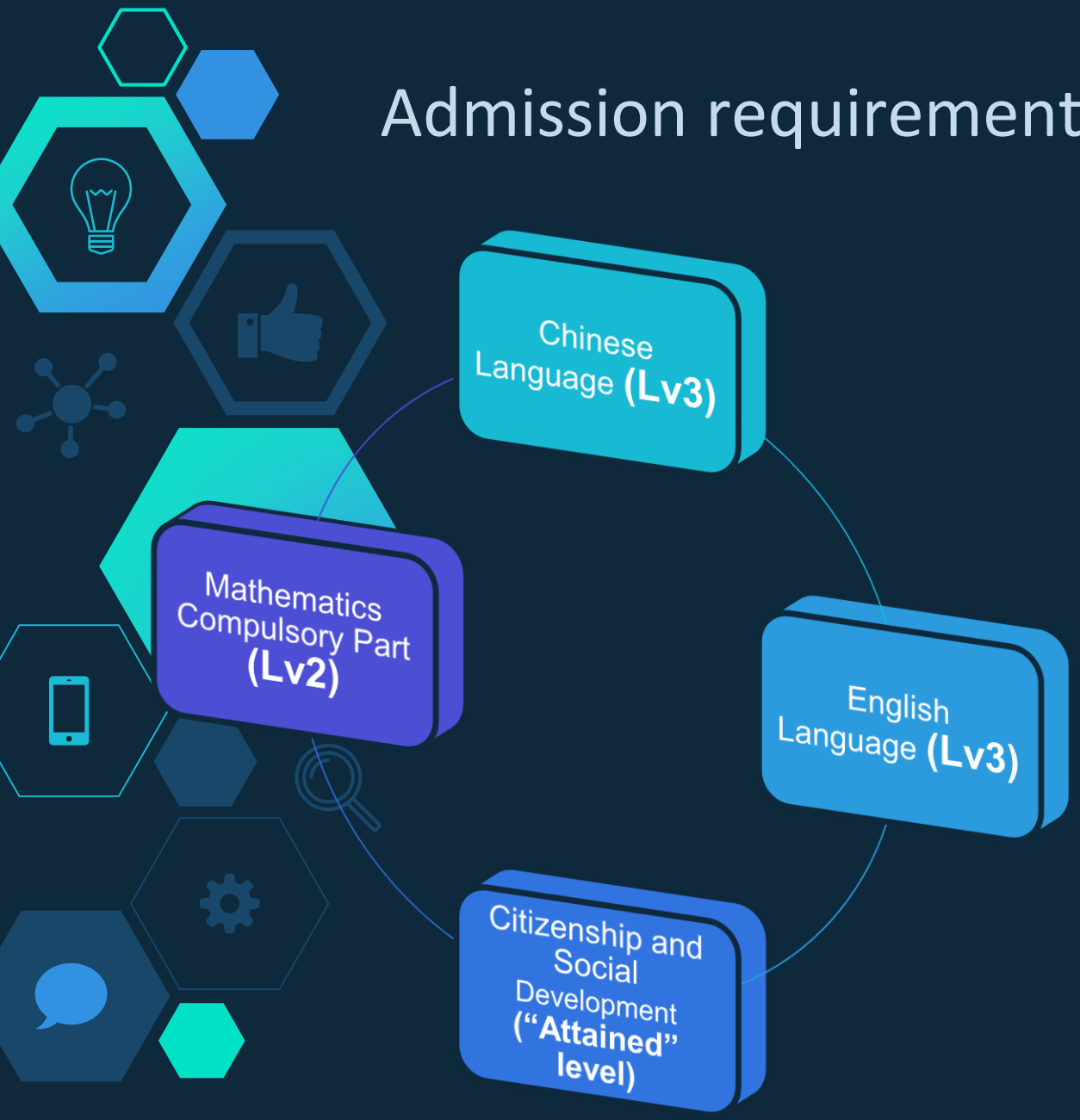
Admission Requirements

#JUPAS #non-JUPAS #non-local
#AcademicResult
#InterviewPerformance

Admission requirements (JUPAS)



One elective subject:

ICT or
Biology or
Chemistry or
Physics or
(Lv2)

Past HKDSE result

Year	Mean score (Best 5)
2023	19
2022	19
2021	19

Offer Statistics (as at the Announcement of the Main Round Offer Results)

Year	Band A	Band B	Band C	Band D	Band E	Total	Application no.
2023	7	1	0	0	0	8	1138
2022	12	0	1	0	0	13	1092
2021	13	0	0	0	0	13	986

https://www.jupas.edu.hk/en/programme/eduhk/JS8361/

Admission requirements (non-JUPAS)

GPA >= 2.7 (for graduates)

GPA >=3.0 (for non-graduating students i.e. year 1)

+

Relevant subjects in Associate Degree/ Higher Diploma / HKDSE

Admission requirements (interview)

- Teacher’s qualities
- Communication skills
- ICT knowledge and experience
- Current trends of ICT education
- New ICT curriculum
- Logical thinking skills

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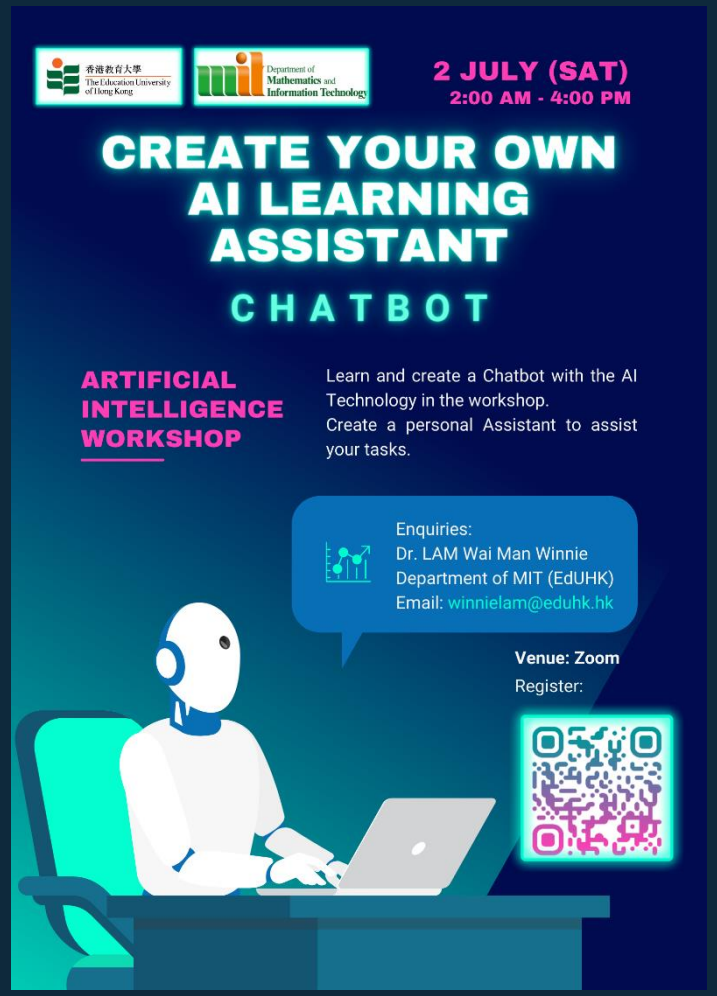
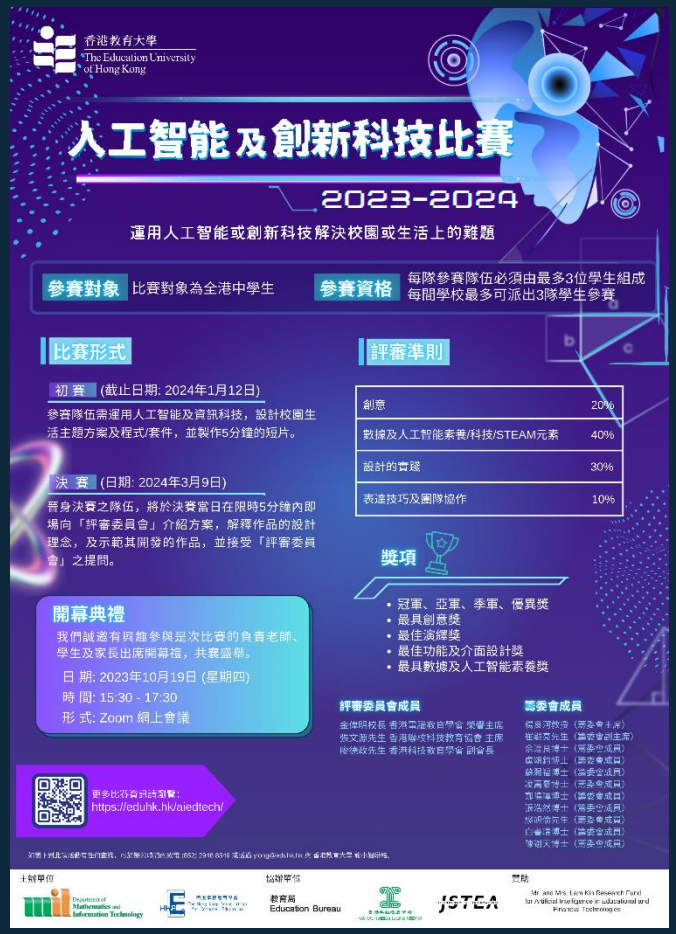
U Life

Learn & Play in MIT

Seminars and Workshops

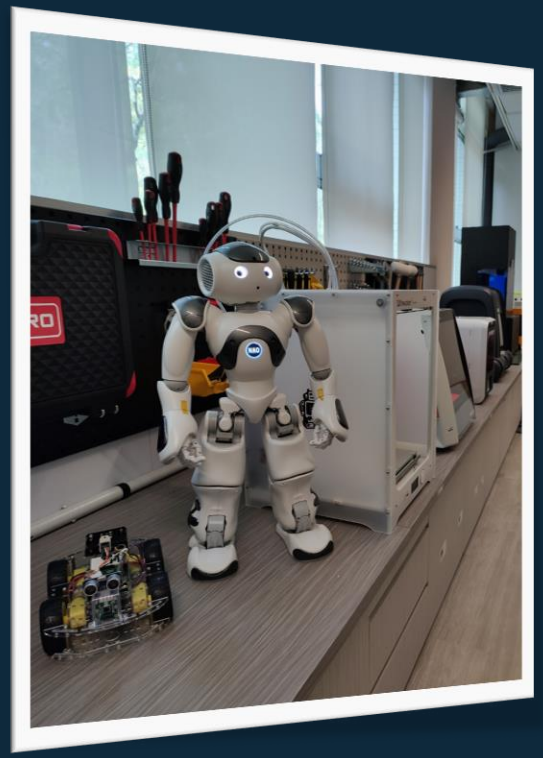


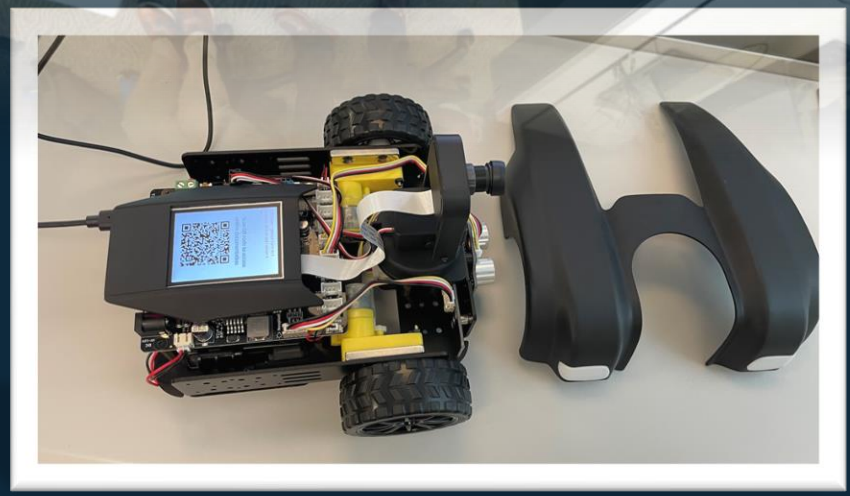
Workshops and Events



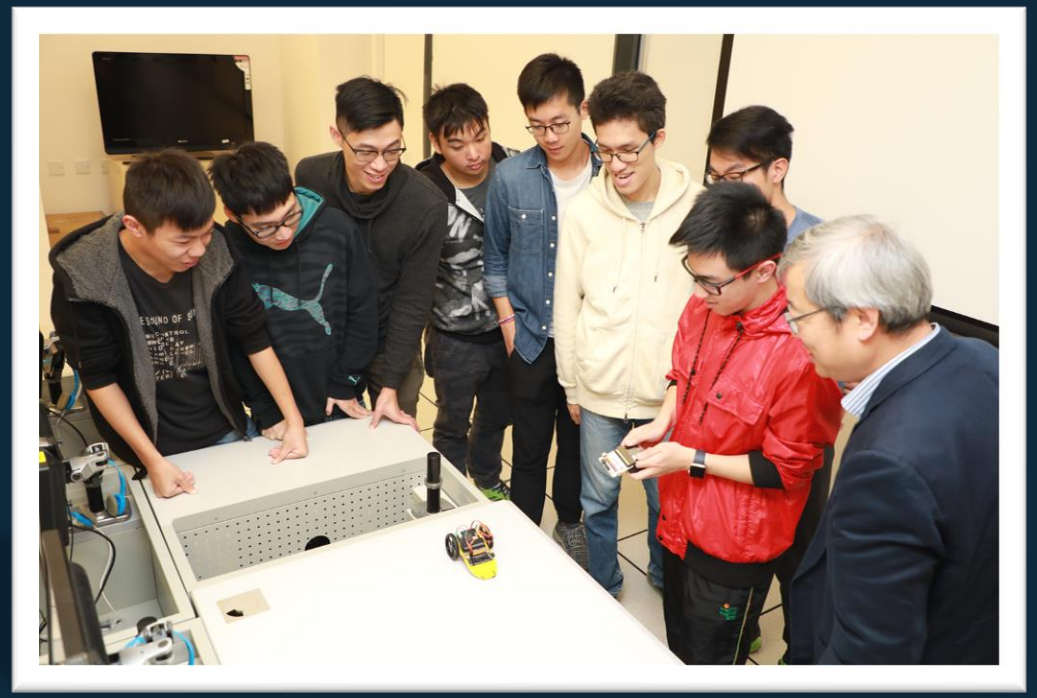
3D Printing Workshop and Company visit

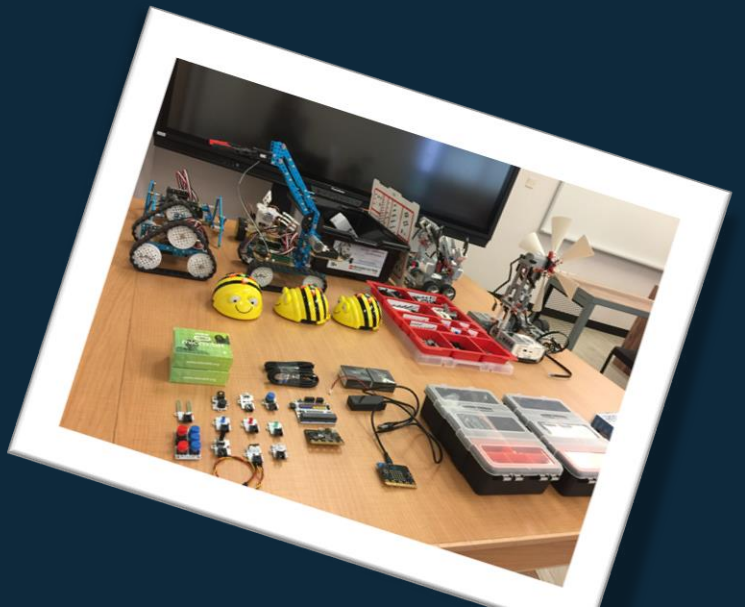
AI robotics workshops





STEM workshops





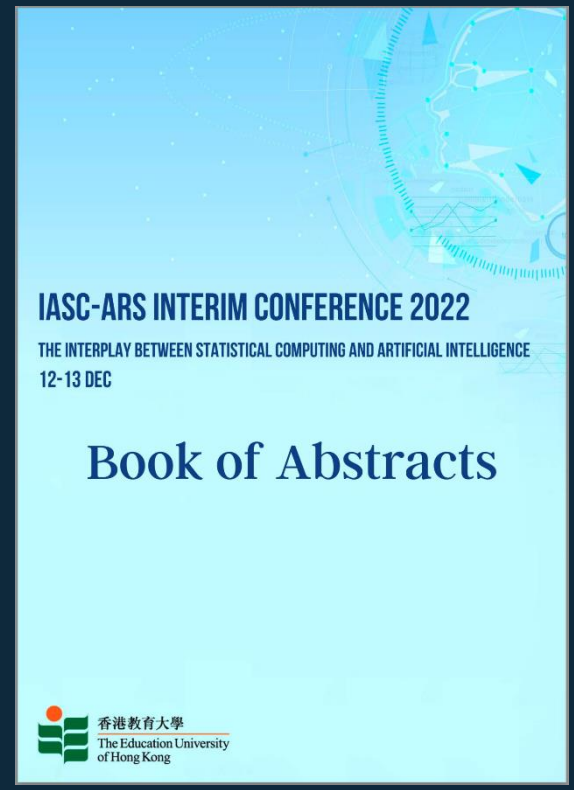
Overseas study tours

- Maker Faire

Overseas study tours

- America & Oceania
- Europe
- Greater China
- Asia

International Conferences



Student associations

Instagram Search

eduhkict_ictsa Message

24 posts 349 followers 302 following

香港教育大學第十屆資訊及通訊科技系會臨時行政委員會

edmunityeduhk Message

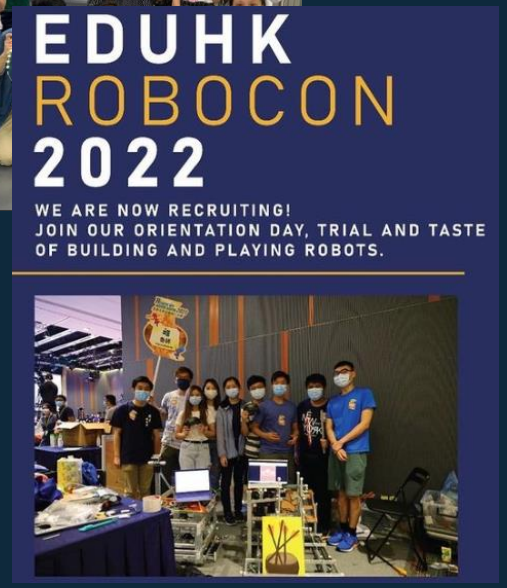
13 posts 118 followers 37 following

Edmunity EdUHK

Product/service

Edmunity (education & community) is a platform that aims to provide free STEM education services to the community.

docs.google.com/forms/d/e/1FAIpQLSc2gWDim1HZ1itgfRatXShb3qDKsZxZwVNLI2...



eduhk_robotics Message

2 posts 104 followers 49 following

教大機械 Eduhk_Robotics

香港教育大學 機械人學會

The Education University of Hong Kong - Robotics Society

forms.gle/qAYXL3gNZtg2bcdK8

EdUHK Self-Nomination Admissions Scheme

Deadline:
31 December 2023
(1st round)

- https://www.apply.eduhk.hk/ug/selfnom#nomination-methods

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Career Prospect

What after graduation?

Further Study
(Master Degree)

Secondary School Teachers (ICT, STEM)

Self-employment
(Startup)

$34,060 – 43,460

GM (學位教師)

$79,930 – 86,575

SGM (高級學位教師)

Payscale

官立、資助學校教師薪級表

(2023年4月1日生效)

此表僅供參考, 以政府或學校資料為準

小學學位教師	中學學位教師	薪級點	現行薪酬
	一級校長 PI (45-49點)	49	142,840
		48	137,875
		47	133,090
一級小學校長 HMI (43-46點)		46 (44B)	128,420
		45 (44A)	123,980
	二級校長 PII (40-44點)	44	116,165
		43	112,130
二級小學校長 HMII (40-43點)		42	107,515
	首席學位教師 (副校長) PGM (38-41點)	41	103,065
		40	98,810
		39	94,735
		38	90,540
高級小學學位教師 (副校長) SPSM (34-39點)		37	86,575
	高級學位教師 SGM (34-39點)	36 (33C)	82,650
		35 (33B)	80,730
		34 (33A)	79,930

不同時期入職薪級點

- 2000/03/31或以前 或 2007/08/01-2010/09/30入職
- 2000/04/01-2007/07/31入職
- 2010/10/01或以後入職

Source:
https://hkfew.org.hk/en/%E6%AC%8A%E7%9B%8A/%E8%96%AA%E6%B4%A5-%E5%85%AC%E7%A9%8D%E9%87%91/item/9146-%E6%95%99%E5%B8%AB%E8%96%AA%E7%B4%9A%E8%A1%A8-2023%E5%B9%B44%E6%9C%881%E6%97%A5%E7%94%9F%E6%95%88

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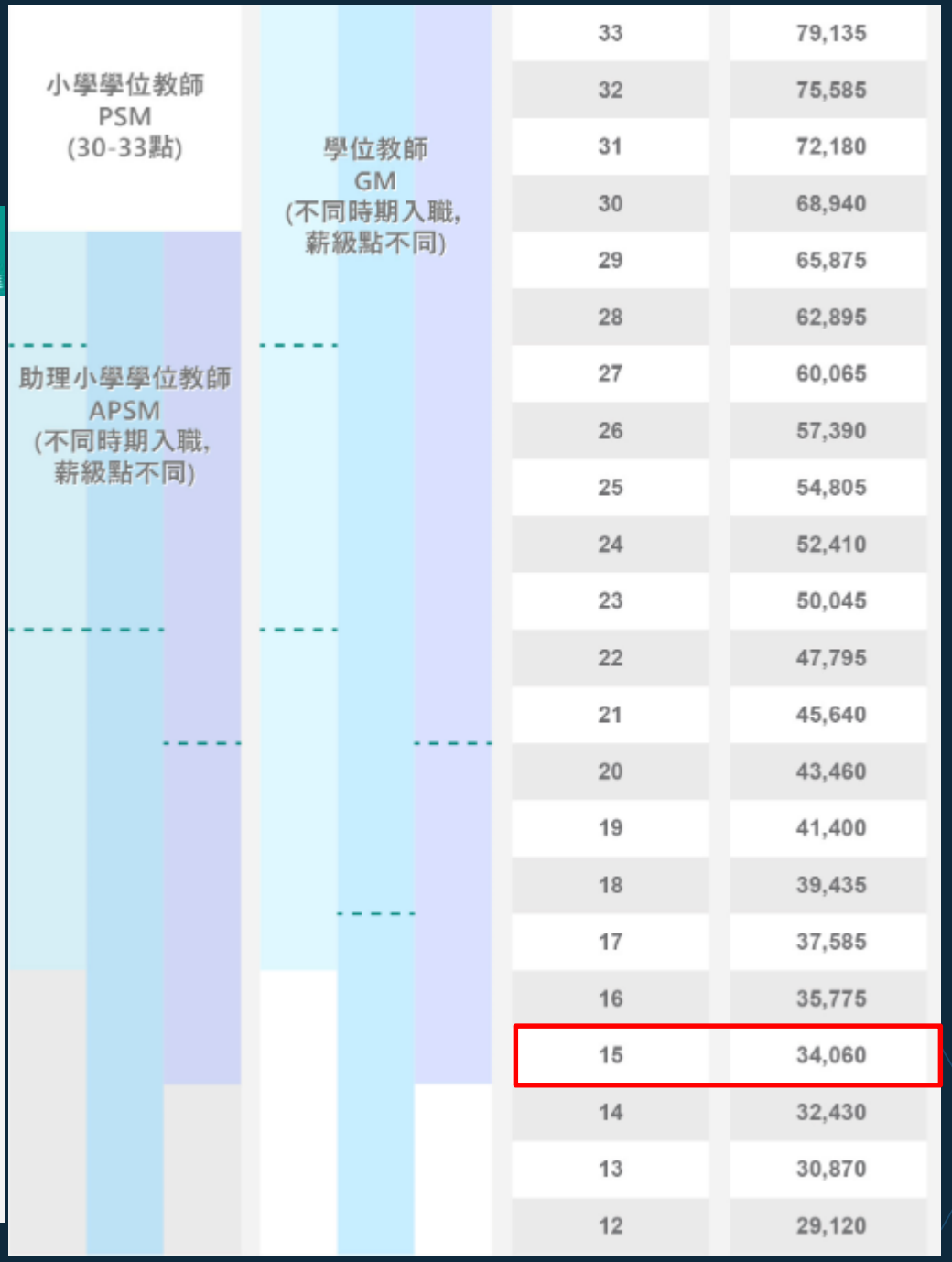

Successful stories

Mr. Kwan Man Lung, Ken

Lam Tai Fai College, KLA Conveners (Technology)

The first cohort of graduate of Bachelor of Education (Honours) (Secondary) - Information and Communication Technology Major

> *"Boost your confidence and explore more than textbooks"*

Interview Video

Successful stories

Wong Yin Hang Hugo

Programme:

Bachelor of Education (Honours) (Secondary) - Information and Communication Technology, 2020 Graduate

Tsui Hok Sing Stanley

Programme:

Bachelor of Education (Honours) (Secondary) - Information and Communication Technology, 2020 Graduate

Successful stories

EdUHK Start-up Awarded Seed Funding from Cyberport

More Information

Website

https://www.eduhk.hk/mit

Facebook Page

https://www.facebook.com/mit.eduhk/

Instagram

https://www.instagram.com/mit.eduhk

Thanks!

Any questions?

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