






*Tech Startup for Gifted Students: Hackathon Skillsets,
 Internship-Entrepreneurship and Oversea Learning Programmes*
(CD00121920/ TECS2761)

Introduction	<p>The course is organised under the Talents, Aspiration and Excellence (TAE) Programme of City University of Hong Kong to nurture gifted secondary school students to prepare for university education: http://www.cityu.edu.hk/nurtureretalent/index.html.</p> <p>The course aims to provide high-quality Artificial Intelligence cum Hackathon education for students through Internship and Entrepreneurship Programmes. Through the course, students will learn about (i) successful tech startups with case studies, analysis of business models and technical skills needed such as minimal programming skills and hackathon mentality, (ii) innovation related to data science and AI, along the line used by NASA Innovation Incubator of training "Citizen Inventor", and (iii) first-hand from real tech startups, e.g., a Hong Kong-based Tech Startup incubated at the HKSTP plus visit Shenzhen tech companies such as Tencent. Students will be offered a project-based learning in internship plus hackathons, e.g., NASA Space Apps Hackathon (Hong Kong plus global) leading to international prestigious competitions.</p> <p>The course is co-organised by the HKAGE and City University of Hong Kong (CityU).</p>
Programme Type / Level	Intermediate Course in FinTech (Token-required)
Instructor(s)	Dr TAN Chee Wei Associate Professor, Dept of Computer Science, City University of Hong Kong
Target Participants	 <ul style="list-style-type: none"> ➤ S1 – S6 HKAGE student members in 2019-20 academic year only ➤ Capacity: 25
Medium of Instruction	 English with English Handouts
Certificate	 <p>E-Certificate of Attendance will be issued by the HKAGE to participants who have:</p> <ul style="list-style-type: none"> ❖ Attended at least 13 sessions; AND ❖ Completed all the assignments with satisfactory performance
Intended Learning Outcomes	 <p>Upon completion of the programme, participants should be able to:</p> <ol style="list-style-type: none"> 1. understand tech entrepreneurship and first-hand experience in HKSTP incubated company 2. understand the significance of artificial intelligence, basic computer science and data science knowledge in tech startups 3. understand computer programming skills needed for hackathon and to build real software 4. understand working in teams to win accolades and prizes in international STEM events
Application Procedure	 <p>Students who wish to apply for this programme must take an online screening test. The arrangement of the test will be announced by 13 May 2020.</p>

Application
Deadline

13 May 2020
12:00 n.n.

Application
Result Release Date

21 May 2020

Student members may withdraw from the programme on or before the deadline. Otherwise, the token will be deducted.

Schedule



Session	Date	Time	Venue#	Remark
Online Screening Test				
1	5 Jun	5:00 p.m. – 6:30 p.m.	Online Teaching	Workshop
2	12 Jun	5:00 p.m. – 6:30 p.m.	Online Teaching	Workshop
4	24 Jul	5:00 p.m. – 6:30 p.m.	Online Teaching	Workshop
5	7 Aug	5:00 p.m. – 6:30 p.m.	Online Teaching	Workshop
6	14 Aug	5:00 p.m. – 6:30 p.m.	Online Teaching	Workshop
7	21 Aug	5:00 p.m. – 6:30 p.m.	Hong Kong Science Park	Shadowing #1
8	28 Aug	5:00 p.m. – 6:30 p.m.	Hong Kong Science Park	Shadowing #2
9	11 Sep	5:00 p.m. – 6:30 p.m.	City University of Hong Kong	Workshop
10	25 Sep	5:00 p.m. – 6:30 p.m.	City University of Hong Kong	Workshop
11	9 Oct	5:00 p.m. – 6:30 p.m.	City University of Hong Kong	Workshop
12	16 Oct	5:00 p.m. – 6:30 p.m.	City University of Hong Kong	Workshop
13	Mid- Oct	9 a.m. – 1:00 p.m.	NASA SpaceApp Hackathon in Hong Kong	Shadowing #3
14	Mid- Oct	2:00 p.m. – 5:00 p.m.	NASA SpaceApp Hackathon in Hong Kong	Shadowing #4
15	6 Nov	5:00 p.m. – 6:30 p.m.	City University of Hong Kong	Workshop
16	Dec (TBC)	9 a.m. – 1:00 p.m.	Hong Kong Science Park	Internship (Selected students)
17	Dec (TBC)	2:00 p.m. – 5:00 p.m.	Hong Kong Science Park	Internship (Selected students)

18	Dec (TBC)	9 a.m. – 1:00 p.m.	Hong Kong Science Park	Internship (Selected students)
19	Dec (TBC)	2:00 p.m. – 5:00 p.m.	Hong Kong Science Park	Internship (Selected students)
20	Dec (TBC)	9 a.m. – 1:00 p.m.	Hong Kong Science Park	Internship (Selected students)
21	Dec (TBC)	2:00 p.m. – 5:00 p.m.	Hong Kong Science Park	Internship (Selected students)
22	Dec (TBC)	9 a.m. – 1:00 p.m.	Hong Kong Science Park	Internship (Selected students)
23	Dec (TBC)	2:00 p.m. – 5:00 p.m.	Hong Kong Science Park	Internship (Selected students)
24	Dec (TBC)	9 a.m. – 1:00 p.m.	Shenzhen	Internship (Selected students)
25	Dec (TBC)	2:00 p.m. – 5:00 p.m.	Shenzhen	Internship (Selected students)

*Tat Chee Avenue, Kowloon, Hong Kong

Online teaching may be in place of classroom teaching whenever the University is being inaccessible, e.g. under health threat or social unrest situations.

Enquiries  For enquiries, please contact us at 3940 0101. After language selection, press “1”