

31 January 2018

Dear School Principal/Teacher-in-charge,

**CityU EE International Summer Camp 2018:  
2-week Taster Programme for Secondary School Students**

I am writing to invite you to nominate your elite students to join the Summer Taster Programme organized by the Department of Electronic Engineering, City University of Hong Kong, details of which are enclosed with this letter.

❖ Duration	Choose either one: (Batch 1) 17 July 2018 – 26 July 2018, and 8 August 2018 (Batch 2) 27 July 2018 – 8 August 2018
❖ Theme	Basic App and Arduino Programming with Bluetooth Balloon Aircraft
❖ Programme fee	Free of charge (HK\$1,000 as caution money)
❖ School-based nomination	A max. of four S4/S5 students by 30 <sup>th</sup> April 2018

Specially designed for current S4 – S5 students, this 2-week taster programme offers your students a unique opportunity to gain hands-on experience of real-life applications in engineering. Not only will they mingle with 70 international undergraduates in fun-filled ice-breaking and social activities, but they will compete in a final challenge of balloon race. Widening their global horizon and having a glimpse of how university life is like will definitely be an exquisite addition to their summer vacation.

In response to EDB's advocacy of cultivating more secondary school students' interests in STEM, we are offering this summer programme free of charge. I sincerely hope that some young hearts in your school will be inspired and become professionals contributing at the frontier of our technology-driven world in future.

I look forward to receiving your nomination.

Yours sincerely,



Stella W PANG  
Head and Chair Professor  
Department of Electronic Engineering  
City University of Hong Kong

## CityU EE International Summer Camp 2018: 2-week Summer Taster Programme for Secondary School Students Programme Information Sheet

This is the fifth year that CityU EE International Summer Camp has taken place since 2014. Each summer more than 70 university students from different parts of the world gather in Hong Kong City University of Hong Kong for a one-month summer programme, which is hosted by Department of Electronic Engineering.

In response to EDB's advocacy of promoting and facilitating STEM education, we are extending our invitation to elite secondary students to join a 2-week taster programme. We tailor learning materials and activities for S4 and S5 students, aiming at cultivating their interest in engineering innovation and through team work, boosting their confidence in communicating in an international environment.

### Schedule & Content

Sample Week	Mon	Tue	Wed	Thu	Fri
9:30am – 12:15pm Lunch 1:45pm – 4:30pm	Orientation	Company Visit/ Guest Talk	Training	Training	Training
	Training		Training	Training	Training
9:30am – 12:15pm Lunch 1:45pm – 4:30pm	Mon	Tue	Wed	Thu	Fri
	Training	Training	Training	Final Competition & Closing Ceremony	(Contingency)
	Training	Training	Semi-final Competition		

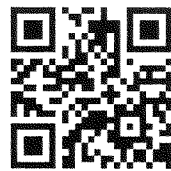
Remarks: Lunch will not be provided. On-campus canteens and cafeterias offer food at reasonable prices.

### Basic App and Arduino Programming for Bluetooth Controlled Balloon Aircraft

The training is conducted on a combination of lecture-laboratory basis. Provided with additional scaffolding and heavily supported by EE undergraduates, students will go through a 2-week workshop led by EE professors, which is in parallel with an intensive programme tailored for 70 university students major in engineering or a related discipline from France, Czech Republic, Taiwan, Korea and mainland China. Students will learn how to develop basic Android programming in a mobile device to wirelessly control a mini balloon aircraft. Through hands-on exercises in groups, their ideas will be transformed into objects. The highlight will be an exciting final competition on the 8<sup>th</sup> August -- their finished 'aerobots' to compete against those overseas students', in which they could demonstrate their technical skills and team spirits.

It's gonna be a challenging yet fun and mind-blowing summer!  
Have a taste of university life in CityU!

Duration:	Part I: Training and Semi-final Competition (either one) (Batch 1) 17 July 2018 – 26 July 2018; (Batch 2) 27 July 2018 – 7 Aug 2018 Part II: Final Competition & Closing Ceremony on 8 Aug
Theme:	Basic App and Arduino Programming with Bluetooth Controlled Balloon Aircraft
Time/Days:	9:30am – 4:30pm, 9 weekdays
Total No. of Places	About 40 students each batch
Programme Fee:	Free of charge
Caution Money:	HKD1,000 per student a) to be collected by cheque upon successful registration to confirm the acceptance of offer b) to be refunded upon completion of the programme
School-based nomination:	Each school may nominate a maximum of four S4/S5 students in priority order, who a) have a strong interest in STEM; and b) are taking Science, ICT, Physics or M1/M2 subjects; and c) are outgoing and confident in communicating with new acquaintances in English, Mandarin and Cantonese
Online Registration:	Please register with the passcode: <b>eeisc2018</b> at this link (or QR code) <a href="http://go.cityu.hk/qi979d">http://go.cityu.hk/qi979d</a> a) application will be closed on 30 <sup>th</sup> April 2018 b) enrollment confirmation will begin in early May 2018 via email c) caution money will be collected in May 2018 to confirm offer acceptance



Enrollment & Enquiries

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Programme-in-charge

**Prof Henry CHUNG**  
Assistant EE Head and Professor  
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Videos at YouTube

[1] CityU EE: International Summer Camp 2017@Hong Kong

[2] CityU EE: International Summer Camp 2017@Hong Kong – Language Exchange