

University-based Electronics Technology Project Study 2008

2008 電子科技研習計劃

教育局「特別資優學生培育支援計劃」，
電機暨電子工程師學會香港分會及香港資優教育學院合辦

University-based Electronics Technology Project Study 2008 is jointly organised by Support Measures for the Exceptionally Gifted Students Scheme, Education Bureau, The Hong Kong Section of The Institute of Electrical and Electronics Engineers, Inc. and Hong Kong Academy for Gifted Education. It is coordinated by Department of Electronic & Information Engineering, The Hong Kong Polytechnic University.

The main objective of this scheme is to promote electronics technology studies in Hong Kong. This scheme provides an opportunity for S3 to S7 students who possess high potential in electronics technology to learn and conduct electronics technology research. Selected applicants will take part in project studies and scientific research under the guidance of professors or academics in the field of electronics technology.

Mentors will provide individual training to mentees according to their needs. Training could be on presentation techniques, micro-computer programming and logic circuit, etc.

For the details of the projects, [please refer to Project Profile](#).

Project title	Mentor	Medium of Instruction
1. Music CD Player	Ir. Jasper Wong (Poly U)	Cantonese, supplemented by English
2. Electronic Clock Tower	Ir. Edward Cheung (Poly U)	Cantonese, supplemented by English
3. Pedometer	Ir. Edward Cheung (Poly U)	Cantonese, supplemented by English
4. Touch Switch for the Motion-Challenged Students	Prof. C.K. Leung (Poly U)	Cantonese, supplemented by English
5. USB Headphone Controller	Prof. C.K. Leung (Poly U)	Cantonese, supplemented by English
6. Microprocessor-based controller for domestic or educational applications	Prof. Edward W.C. Lo (Poly U)	Cantonese

Participants will do the project study **in groups** under the guidance of professors or academics. Mentees could negotiate with their mentors for appropriate meeting time and venue and number of meetings. Every group should **write a report** and **do a presentation** upon the completion of the whole project study. **All mentees must attend the opening and closing ceremonies.**

Schedule:

Date	Event	Details
30 May 2008 – 25	Application and	Student members could contact the respective

June 2008	consultation period	mentors of their interested projects by phone call or email in order to get a deeper understanding of the projects and time needed for the project study as well as to solicit advice from them.
19 July 2008	Opening Ceremony and the first meeting	<ul style="list-style-type: none"> • Getting to know each other • Signing of Student's Pledge of Commitment • Each mentee should complete a Project Plan
19 July 2008 – March 2009	Project Study	Mentees proceed the project study under the supervision of respective mentor and complete an individual student Progress Report in due course. At least 20 contact hours (group basis)
Early March 2009	Submission of final group project report	It should be written in either Chinese or English.
March 2009 (Exact date, time and venue to be confirmed)	Closing Ceremony cum project presentation	All Mentees , by group study, will present their final report and their learning outcomes.

Fee: Free-of-charge

Awards:

Participants who have met all the requirements of this project scheme and are recommended by mentors can be awarded certificates.

Eligibility:

Applicants should take into consideration their interests and requirements of each project study (e.g. level/form and other pre-requisites, etc.) when choosing the projects. Applicants could contact the respective mentors of their interested projects by phone calls or emails in order to get a deeper understanding of the projects and time needed for the project study as well as to solicit advice from them.

Application methods and application deadline:

Interested student please fill out the application form and send it to our section by post or by fax (fax no.: 24904730) on or before **25 June 2008 (Sat)**. **Application results will be released in our website <http://gifted.hkedcity.net> under the link of "Enrolment Result" on or before 4 July 2008 (Fri)**. Applicants please check the results on their own. **Further notice will not be given.**

For any enquiries, please contact Ms Stephanie Sze on 36983495.