

THE HONG KONG POLYTECHNIC UNIVERSITY

“SERVING COMMUNITY WITH DESIGN AND TECHNOLOGY” FOR HONG KONG SECONDARY SCHOOL STUDENTS

The Hong Kong Polytechnic University (PolyU), together with the Hong Kong Academy for Gifted Education, is offering an inter-disciplinary program, “Serving Community with Design and Technology”, for the Hong Kong secondary school students. We wish to achieve the following objectives:

1. To nurture students with positive attitude of environmental protection and social responsibility in helping community.
2. To develop students with innovative thinking and team spirit in performing design projects to satisfy community needs.
3. To teach students fundamental knowledge and skills in product design and development.
4. To establish sustainable relationship between PolyU and secondary schools in providing quality education.

Participants

40 Form IV students nominated by the secondary schools and HKAGE will join the program.

Program

The program consists of seminars, workshops, study visits and design projects. Academic, technical and supporting staff of PolyU will serve as lecturers, tutors, workshop instructors and project supervisors.

Program Duration

From Easter 2010 to Summer 2012
(normally complete in 3 years)

The “Design & Technology” Project

To complete a product design and development project related to renewable energy, environmental protection and technology to enhance the health, safety and/or efficiency of schools in the less developed areas.

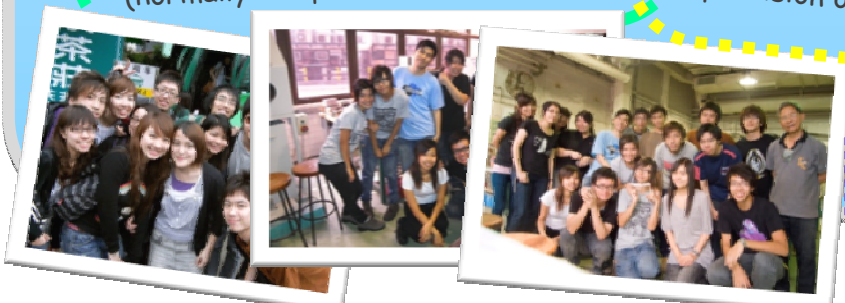
Suggested topics:

- Design and develop a drinking water supply system
- Design and develop a solar-energy-powered ventilation system

Each project group will design, develop, test and install their design under the supervision of PolyU academic staff.

Recognition of Student Effort

- Each project group will present their design and participate in the competition at the “Design Show and Competition”, which is scheduled at the end of the program
- Every student will be issued with a certificate
- Pending approval by PolyU's Academic Senate, students participating in the program will be granted 3 academic credits from PolyU.



Briefing Session Date: 12 Mar 2010 (Fri) Time: 4:30pm – 6:00pm
Venue: Room FJ304, 3/F, Chan Tai Ho Building, The Hong Kong Polytechnic University



香港資優教育學院
The Hong Kong Academy for Gifted Education



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

Programme Details

Briefing session	<p>A briefing session will be held to let you know more about the programme. Date: 12 Mar 2010 (Fri) Time: 4:30pm – 6:00pm Venue: Room FJ304, 3/F, Chan Tai Ho Building, The Hong Kong Polytechnic University</p> <p>Briefing Session Application Procedure: ❖ Students should download the Briefing Session Application Form from the following website: http://hkage.org.hk ❖ Students should submit the completed Briefing Session Application Form to <i>The Hong Kong Academy for Gifted Education</i> by mail or by fax (<i>Fax number: 24904730</i>) on or before 11 March 2010 (Thu).</p>
Target participants	Priority will be given to S4 Sciences student members. Applications from other interested student members with confidence in completing the programme will be put on the waiting list.
Quota	20
Language	English
Programme requirement	Certificate will be awarded to participants who are able to achieve 80% or above attendance rate and meet all the course requirements.
Programme fee	Free of charge
Application procedure & deadline	❖ Students should download the Programme Application Form from the following website: http://hkage.org.hk ❖ Students should submit the completed Recommendation Form and Programme Application Form to <i>The Hong Kong Academy for Gifted Education</i> by fax (<i>Fax number: 24904730</i>) on or before 18 March 2010 (Thu) . Late application will not be considered.
Selection interview	Applicants should attend a selection interview within 20-28 March 2010 with notification on the detailed arrangements after the application deadline.
Enrolment result	Enrolment result will be sent to Applicants by email on 30 March 2010 (Tue) .
Enquiry	3698 3494 (Mr Kwong)