

Subject Code	ABCT2S01
Subject Title	Educating Rural Farmers on Healthier Food Production
Hosting Dept	Department of Applied Biology & Chemical Technology
Level	2
Class Quota	100
Medium of Instruction	English
Subject Duration	Semester 1 + 2
Teaching Staff	Dr. Gilbert Chan, Mr. Alex Chan Chung Yan
Target Students	GUR, open for all
Pre-requisites	Nil
Selection of Students Required?	No As the service clients are Putonghua/Cantonese-speaking people, students who can communicate in Putonghua and/or Cantonese will have an advantage.
Subject Synopsis	https://www.polyu.edu.hk/abct/Syllabus/ABCT2S01.pdf
Service Project	
What will students do to serve?	Students have to select a rural farming community in Mainland China or Hong Chi Association in Hong Kong. They will be required to use their knowledge and skills acquired in class to help the farmers and the community on agricultural production, including but not limit to vegetable, mushroom and herb. It is targeted to enhance the efficiency in using various resources, especially on energy, raise in productivity level, reduce in default rate, and to enhance the crop quality and quantity. Students will use computer simulated models, fabrication of agricultural devices and by any other modes or demonstrations, including active involvement in routine farming activities, so as to help and to communicate with the rural farmers and community in need.
Whom will students serve?	Rural farmers in Hong Kong/ Chinese Mainland
Where will students serve?	<input checked="" type="checkbox"/> Hong Kong District: North District <input checked="" type="checkbox"/> Chinese mainland Province: SiChuan / Guizhou or other place in South China City: _____

	<input type="checkbox"/> Taiwan <input type="checkbox"/> Macau <input type="checkbox"/> Overseas <div style="float: right;"> Country: _____ City: _____ </div>
When will students serve?	Students have to select a preferred rural farming community. The visit to Sichuan/Guizhou will take place in the Term break in Dec/ Jan and will last for about 7 days. The local service in Hong Kong will take place in selected Saturday during the semester.
Fee payable by students	About 1,500 HKD (Tentative)
Enquiry	Mr. Alex Chan Chung Yan, Tel : 34008672 alex.cy.chan@polyu.edu.hk