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.			
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		Macau	
		Overseas	Country:
			City:
When will students serve?	A student have to select a preferred rural farming community. The visit to Sichuan will take place in the Term break in Dec/ Jan. and will last for about 7 days (the first and last days on travelling). The visit to Guangdong will be held on two weekends (Friday to Sunday). The local service in Hong Kong will take place in selected Saturday during the semester.		
Fee payable by students	1,000 HKD for Guangdong / 1,500 HKD for Sichuan (Tentative)		
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