ISE2S02		
Comprehending and Overcoming Learning Hurdles in Science, Technology, Engineering, and Mathematics (STEM) for Local Schools		
Department of Industrial and Systems Engineering		
2		
160		
English, supplemented by Chinese as appropriate for service delivery		
Semester 2 + Summer Term		
Dr George Ho, Prof. CY Tang, Dr Gary Tsui, Prof. KC Chan, Prof. TM Yue, Dr Dennis Lo, Dr Roy Law and Dr YM Tang		
GUR, open for all students from FENG, FCE and FAST		
Nil		
No		
http://www.ise.polyu.edu.hk/programmes/info/1		
Students will work in groups and be attached to secondary schools with insufficient support and/or resources in promoting scientific thinking and literacy as well as problem - solving skills. The focus of the projects will be on teaching and learning STEM (Science, Technology, Engineering and Mathematics) concepts and theories while cultivating a spirit of scientific literacy and thinking. Example service learning projects included designing projects to illustrate STEM concepts to school children; designing worksheets to help the children practice STEM concepts; assisting children with STEM subjects; organizing STEM awareness workshops and activities for children, etc.		
Underprivileged secondary school students		
Hong Kong District:		
Chinese mainland Province:		
City:		
Taiwan		
Macau		

	Overseas	Country:
		City:
When will students serve?	Exact time will vary depending on the school to which the students are attached. Some project activities may be held on weekends.	
Fee payable by students	N/A	
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