Subject Code	ME3S01	
Subject Title	Engineering Design for the Community	
Hosting Dept	Mechanical Engineering	
Level	3	
Class Quota	60	
Medium of Instruction	English	
Subject Duration	Semester 2	
Teaching Staff	Dr U Kahangamage, Dr Eunice Tam	
Target Students	GUR for non-first-year students from FENG, CEE, BSE and SD	
Pre-requisites	Nil	
Selection of Students Required	Yes	
Subject Synopsis	http://www.polyu.edu.hk/me/files/ME3S01Engineering Design for the Community.pdf	
Service Project		
	Based on the understanding of the need from a target group (for example, the wheelchair users), students will be required to perform a design task to solve the need, which may not be easily fulfilled through other channels. In the first few rounds of operation, the students will visit an wheelchair association and work with the service recipients for some design and daily operating tasks by using simple designed devices and tools. Ultimately, the students will design some simple assistive tools to facilitate and ease the operation of the service recipients so as to rebuild their self-confidence and daily-life working ability.	
What will students do to serve	example, the wheelchair users), students will be design task to solve the need, which may not be other channels. In the first few rounds of operwisit an wheelchair association and work with a some design and daily operating tasks by using and tools. Ultimately, the students will design tools to facilitate and ease the operation of the	pe required to perform a pe easily fulfilled through ation, the students will the service recipients for a simple designed devices some simple assistive e service recipients so as
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	City:
When will students serve	Weekend mornings from weeks 4 to 13 of a semester
Enquiry	Mrs. Lily Wan (email: mmlwan@polyu.edu.hk; tel.: 2766 7812)