Updated on Dec 1, 2021

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Subject Code	ME3S01
Subject Title	Engineering Design for the Community
Hosting Department	Mechanical Engineering
Level	3
Class Quota	28
Medium of Instruction	English
Subject Duration	Semester 2
Teaching Staff	Dr Eunice Tam, Ir Elsa Tang
Target Students	GUR for non-first-year students from FENG, CEE, BSE and SD (As the service targets are Cantonese Speaker, students who could speak Cantonese will have an advantage.)
Pre-requisites	Nil
Selection of students required?	No
Subject Synopsis	https://www.polyu.edu.hk/me/- /media/department/me/content/study/subject-list/engineering-design-for- the-community-gur-s-l- subject.pdf?la=en&hash=27586B12B5AFCB7CAC0EFD9918907F95
Service Project	
What will students do to serve?	Based on the understanding of the need from a target group (for example, the elderly), 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 elderly centre and work with the elderly 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 elderly so as to rebuild their self-confidence and daily-life working ability.
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Service Attributes	
Service Mode	#OnlineService #F2FService
Service Language	#ServiceClient_Cantonese #ServiceClient_English #ServiceClient_Putonghua #ServiceClient_OtherNonEnglish
Service Location	#Location_HK #Location_MainlandChina #Location_Taiwan #Location_Macau #Location_Overseas
Enquiry	Ms. Hilary Yuen (email: hilarymh.yuen@polyu.edu.hk; tel.: 2766 6650)