

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 1
Teaching Staff	Dr E Tam, Dr CK Lam, Dr U Kahangamage, Dr A Vyas & Ms Elsa Tang
Target Students	GUR for non-first-year students from FENG, CEE, BSE and SD
Pre-requisites	Nil
Selection of Students Required	No
Subject Synopsis	<a href="http://www.polyu.edu.hk/me/files/ME3S01Engineering%20Design%20for%20the%20Community.pdf">http://www.polyu.edu.hk/me/files/ME3S01Engineering Design for the Community.pdf</a>
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.
Whom will students serve	Elderly people
Where will students serve	Ma On Shan and Kwai Chung
When will students serve	Weekend mornings from weeks 4 to 13 of a semester
Enquiry	Mrs. Lily Wan (email: <a href="mailto:mmlwan@polyu.edu.hk">mmlwan@polyu.edu.hk</a> ; tel.: 2766 7812)