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| 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 | 1-semester (Semester one) |
| Teaching Staff | Dr U Kahangamage, Dr CK Lam (tentatively) |
| Target Students | Preferably students with engineering or design background |
| Pre-requisites | Nil |
| Selection of Students Required | Yes. Interested students please go to eStudent to indicate preference during 10 to 15 April 2014. |
| Subject Synopsis | http://www.polyu.edu.hk/me/files/ME3S01Engineering Design for the Community.pdf |
| 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 | Hong Kong |
| When will students serve | Saturdays |
| Enquiry | Mrs. Lily Wan (email: mmlwan@polyu.edu.hk ; tel.: 2766 7812) |