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| <b>Subject Code</b>                    | ME3S01/ME32101  |
| <b>Subject Title</b>                   | Engineering Design for the Community  |
| <b>Hosting Department</b>              | Mechanical Engineering  |
| <b>Level</b>                           | 3   |
| <b>Class Quota</b>                     | 8 (ME3S01)<br>20 (ME32101)  |
| <b>Medium of Instruction</b>           | English   |
| <b>Subject Duration</b>                | 1 Semester  |
| <b>Teaching Staff</b>                  | Dr Eunice Tam, Ir Elsa Tang   |
| <b>Target Students</b>                 | GUR for non-first-year students from FENG, CEE, BSE and SD (ME3S01)<br>DSR (ME32101)  |
| <b>Pre-requisites</b>                  | Nil   |
| <b>Selection of students required?</b> | No  |
| <b>Subject Synopsis</b>                | <a href="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&amp;hash=27586B12B5AF7C7CAC0EFD9918907F95">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&amp;hash=27586B12B5AF7C7CAC0EFD9918907F95</a>   |
| <b>Service Project</b>                 |   |
| <b>What will students do to serve?</b> | Based on the understanding of the need from a target group ( , 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 a rehabilitation centre and work with the patients 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 patient so as to rebuild their self-confidence and daily-life working ability. |
| <b>Whom will students serve?</b>       | Dysphagia patient   |
| <b>Where will students serve?</b>      | <input checked="" type="checkbox"/> Hong Kong <u>District: Sham Shui Po</u><br><input type="checkbox"/> Chinese mainland <u>Province: _____</u><br><u>City: _____</u><br><input type="checkbox"/> Taiwan<br><input type="checkbox"/> Macau<br><input type="checkbox"/> Overseas <u>Country: _____</u><br><u>City: _____</u>   |
| <b>When will students serve?</b>       | Weekend mornings from weeks 3 to 13 of a semester   |
| <b>Fee payable by students</b>         | N/A   |
| <b>Service Attributes</b>              |   |
| <b>Service Mode</b>                    | <input type="checkbox"/> #OnlineService<br><input type="checkbox"/> #HybridService<br><input checked="" type="checkbox"/> #F2FService   |
| <b>Service Language</b>                | <input checked="" type="checkbox"/> #ServiceClient_Cantonese<br><input type="checkbox"/> #ServiceClient_English   |

Remarks: The information given above is subject to change.

Updated on 8 July 2022

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| <b>Service Location</b> | <input type="checkbox"/> #ServiceClient_Putonghua<br><input type="checkbox"/> #ServiceClient_OtherNonEnglish<br><input checked="" type="checkbox"/> #Location_HK<br><input type="checkbox"/> #Location_MainlandChina<br><input type="checkbox"/> #Location_Taiwan<br><input type="checkbox"/> #Location_Macau<br><input type="checkbox"/> #Location_Overseas |
| <b>Enquiry</b>          | Ms. Hilary Yuen (email: <a href="mailto:hilarymh.yuen@polyu.edu.hk">hilarymh.yuen@polyu.edu.hk</a> ; tel.: 2766 6650)  |

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