

<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>	60
<b>Medium of Instruction</b>	English
<b>Subject Duration</b>	Semester 1
<b>Teaching Staff</b>	Dr Eunice Tam, Ir Elsa Tang, Visiting Lecturer
<b>Target Students</b>	GUR for non-first-year students from FENG, CEE, BSE and SD
<b>Pre-requisites</b>	Nil
<b>Selection of students required?</b>	No
<b>Subject Synopsis</b>	<a href="https://www.polyu.edu.hk/me/wp-content/uploads/2019/12/ME3S01_ME32101_SDF_Aug-2019.pdf">https://www.polyu.edu.hk/me/wp-content/uploads/2019/12/ME3S01_ME32101_SDF_Aug-2019.pdf</a>

**Service Project**

<b>What will students do to serve?</b>	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.																					
<b>Whom will students serve?</b>	Elderly people, Wheelchair person																					
<b>Where will students serve?</b>	<table style="border: none;"> <tr> <td><input checked="" type="checkbox"/></td> <td>Hong Kong</td> <td>District: <u>Ma On Shan and Kowloon Bay</u></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Chinese mainland</td> <td>Province: _____</td> </tr> <tr> <td></td> <td></td> <td>City: _____</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Taiwan</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Macau</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Overseas</td> <td>Country: _____</td> </tr> <tr> <td></td> <td></td> <td>City: _____</td> </tr> </table>	<input checked="" type="checkbox"/>	Hong Kong	District: <u>Ma On Shan and Kowloon Bay</u>	<input type="checkbox"/>	Chinese mainland	Province: _____			City: _____	<input type="checkbox"/>	Taiwan		<input type="checkbox"/>	Macau		<input type="checkbox"/>	Overseas	Country: _____			City: _____
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		City: _____																				
<b>When will students serve?</b>	Weekend mornings from weeks 4 to 13 of a semester																					
<b>Fee payable by students</b>	N/A																					

**Subject and Service Attributes**

<b>Teaching and Learning</b>	<input type="checkbox"/> #OnlineTeaching <input checked="" type="checkbox"/> #HybridTeaching
<b>Service Mode</b>	<input type="checkbox"/> #OnlineService <input type="checkbox"/> #HybridService <input checked="" type="checkbox"/> #F2FService
<b>Service Language</b>	<input checked="" type="checkbox"/> #ServiceClient_Cantonese

<b>Service Location</b>	<input type="checkbox"/> #ServiceClient_English <input type="checkbox"/> #ServiceClient_Putonghua <input type="checkbox"/> #ServiceClient_OtherNonEnglish  <input checked="" type="checkbox"/> #Location_HK <input type="checkbox"/> #Location_MainlandChina <input type="checkbox"/> #Location_Taiwan <input type="checkbox"/> #Location_Macau <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)