

| | |
|---------------------------------|--|
| Subject Code | ISE3S01 |
| Subject Title | Engineering for the Needy |
| Hosting Dept | Department of Industrial and Systems Engineering |
| Level | 3 |
| Class Quota | 40 |
| Medium of Instruction | English |
| Subject Duration | Semester 2 + Summer Term |
| Teaching Staff | Dr Kris Law, Prof. CY Tang, Dr Gary Tsui, Dr Dennis Lo |
| Target Students | GUR, open for year 2 or above students from FENG |
| Pre-requisites | COMP1901 or ENG1003 |
| Selection of Students Required? | No |
| Subject Synopsis | http://www.ise.polyu.edu.hk/programmes/info/1 |
| Service Project | |
| What will students do to serve? | <p>Students are required to devote around 40 hours of community service learning at the sites of community partner(s) in the special needs/care education sector. Students require having direct interaction with the beneficiaries. Examples of such direct interaction may include analysis of beneficiaries' actual needs before embarking on designing and implementing the projects, product delivery and testing, collecting users' feedback and interactive design and development, etc.</p> <p>The service component consist of:</p> <ol style="list-style-type: none"> (1) Pre-project visit to the community partner(s) to have better understanding of the underprivileged group; (2) Project preparation visits; (3) Interim visits during the projects; (4) Visits to deliver the project outcomes (i.e. developed system, designed products for the concerned group, etc.) (5) Final dissemination of the project outcomes (presentation of the project outcomes to the concerned group(s)) |
| Whom will students serve? | <p>Hong Kong service: concerned group of people with disabilities or need special care and the NGOs serving in the special needs education sectors and underprivileged</p> <p>or</p> |

Remarks: The information given above is subject to change.

| | |
|----------------------------|--|
| | Chinese Mainland service: rural school in low-developed area in mainland china for facilities improvement |
| Where will students serve? | Hong Kong or Chinese Mainland |
| When will students serve? | Exact time will vary depending on the community partner's capacity. Services will be carried out in summer term. |
| Fee payable by students | Hong Kong: N/A Chinese Mainland: HK\$900 |
| Enquiry | Dr. Dennis Lo, dennis.lo@polyu.edu.hk |