

Subject Code	EIE3S01
Subject Title	Serving People with Special Needs through Assistive Technologies
Hosting Dept	Department of Electronic and Information Engineering
Level	3
Class Quota	40
Medium of Instruction	English
Subject Duration	Semester 1
Teaching Staff	Dr C.K. Leung
Target Students	GUR, open for students from FENG
Pre-requisites	Nil
Selection of Students Required?	No
Subject Synopsis	To be announced
Service Project	
What will students do to serve?	<p>There are under-privileged people from organizations and communities such as special schools, hospitals, elderly homes who would have the need of different kinds of assistive devices/services to support or improve the quality of their life and daily living. In some cases, these assistive devices/services are either very expensive or simply do not exist in the market due to their special requirement.</p> <p>Students studying this service-learning subject will actively engage with these organizations and communities. The students will understand the special need of this group of people. And then they will design and implement assistive devices/services to help improve the situation. For instance, the assistive devices/services may help children patients feel more homely at hospitals, help elderly people overcome some daily living problems, help physically-handicapped students to use the computer more conveniently or help reduce queuing time for taking blood tests.</p>
Whom will students serve?	Hospitals, Elderly Homes, Special Education schools.
Where will students serve?	<input checked="" type="checkbox"/> Hong Kong District: Ho Man Tin, Tuen Mun, Kwai Shing, Tsing Yi, Cheung Sha Wan <input type="checkbox"/> Chinese mainland Province: _____

	<input type="checkbox"/> Taiwan <input type="checkbox"/> Macau <input type="checkbox"/> Overseas	City: <hr/> Country: <hr/> City:
When will students serve?	Around Week 4 to Week 10.	
Fee payable by students	N/A	
Enquiry	Dr. C.K. Leung at enchikin@polyu.edu.hk , tel: 27666260	