

<b>Subject Code</b>	EE2S01 (This subject will be offered in conjunction with the Service-Learning and leadership programme “Habitat Green in East-Africa” from Service-Learning and Leadership Office.)
<b>Subject Title</b>	Low-cost Energy Infrastructures for Developing Regions
<b>Hosting Department</b>	Department of Electrical and Electronic Engineering
<b>Level</b>	2
<b>Class Quota</b>	25
<b>Medium of Instruction</b>	English
<b>Subject Duration</b>	Semester 2 + Summer Term. For more information, please refer to the <a href="#">website</a> .
<b>Teaching Staff</b>	Dr. Yangxi Zhang, Dr. Edward WC Lo, Dr. Hoi Lut Ho
<b>Target Students</b>	GUR, open for all
<b>Pre-requisites</b>	Nil
<b>Selection of students required?</b>	Yes
<b>Subject Synopsis</b>	<a href="https://www.polyu.edu.hk/eee/-/media/department/eee/content/study/subject-syllabi/eee-gur-subject-syllabi/ee2s01-sl_sdf_2022.pdf">https://www.polyu.edu.hk/eee/-/media/department/eee/content/study/subject-syllabi/eee-gur-subject-syllabi/ee2s01-sl_sdf_2022.pdf</a>
<b>What will students do to serve?</b>	The service-learning project will focus on improving the electricity supply and energy usage for the low-income families by constructing or renovating the solar energy system. In the service-learning project, you will work in groups with the local university students. After having a site-visit of low-income / rural families to learn about their living situation in everyday life, you need to develop an energy solution based on solar energy and install basic electrical appliances to help the villagers to improve their quality of life.
<b>Whom will students serve?</b>	Underprivileged areas in developing countries or regions such as Kigali, Rwanda

<b>Where will students serve?</b>	<input type="checkbox"/> Hong Kong	District:
	<input type="checkbox"/> Chinese mainland	Province:
		City:
	<input type="checkbox"/> Taiwan	
	<input type="checkbox"/> Macau	
<input checked="" type="checkbox"/> Overseas	Country: Rwanda	
	City:	

<b>When will students serve?</b>	Tentative schedule of the service trip (To be confirmed): about two weeks during July
<b>Fee payable by students</b>	Between HK\$3,000 and HK\$5,000 (To be confirmed) The fee covers round-trip air ticket, accommodation, local transportation and meals during the project period.
<b>Enquiry</b>	Dr. Shuheng Lin T: 3400 8530 E: <a href="mailto:shuheng.lin@polyu.edu.hk">shuheng.lin@polyu.edu.hk</a>