

Subject Code	EE2S01																												
Subject Title	Low-cost Energy Infrastructures for Developing Regions																												
Hosting Department	Department of Electrical Engineering																												
Level	2																												
Class Quota	20																												
Medium of Instruction	English																												
Subject Duration	Semester 2 + Summer Term																												
Teaching Staff	Dr. Edward WC Lo, Dr. Koko Lam, Dr. Hoi Lut Ho																												
Target Students	GUR, open for all																												
Pre-requisites	Nil																												
Selection of students required?	Yes																												
Subject Synopsis	http://www.ee.polyu.edu.hk/pdf/subject/EE2S01%20subject%20description%20form.pdf																												
What will students do to serve?	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.																												
Whom will students serve?	Underprivileged areas in developing countries or regions such as Phnom Penh, Cambodia																												
Where will students serve?	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;"><input type="checkbox"/></td> <td style="width: 200px;">Hong Kong</td> <td style="width: 100px;">District:</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Chinese mainland</td> <td>Province:</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td></td> <td></td> <td>City:</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Taiwan</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Macau</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Overseas</td> <td>Country: Cambodia</td> <td></td> </tr> <tr> <td></td> <td></td> <td>City:</td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>	<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: Cambodia				City:	
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Remarks: The information given above is subject to change.

When will students serve?	<u>Tentative schedule of the projects (exact timing to be confirmed)</u> Around 2 weeks between mid-May and mid June
Fee payable by students	Service-Learning only: \$2,000 (To be confirmed) The fee covers return air ticket, accommodation, local transportation and meals during the project period.
Enquiry	Dr. Koko Lam T: 2766-6190 E: kokokh.lam@polyu.edu.hk Mr. Sean Leung T: 2766-6923 E: sean.leung@polyu.edu.hk