

Subject Code	COMP2S01 <i>(Cambodia Project will be offered under Cambodia Service-Learning & Leadership Summer School)</i>
Subject Title	Technology Beyond Borders: Service Learning across Cultural, Ethnic and Community Lines
Hosting Department	Department of Computing
Level	2
Class Quota	60
Medium of Instruction	English
Subject Duration	Semester 2 + Summer Term
Teaching Staff	Dr Stephen Chan, Dr Grace Ngai
Target Students	GUR, open for all
Pre-requisites	Nil
Selection of students required?	Yes
Subject Synopsis	http://www.comp.polyu.edu.hk/filemanager/en/content_189/COMP2S01.pdf

<p>Service Project</p> <p>What will students do to serve?</p>	<p>Projects Requiring Pre-selection of Students:</p> <p>Rwanda Service-Learning Project This project has two aspects:</p> <ul style="list-style-type: none"> - Help rural families in Rwanda through solar energy. We will design solar energy panels for poor families and also wire up their homes with basic electricity appliances. <p>Cambodia Service-Learning Projects</p> <p>Project A, Solar Energy (Co-organized with the Department of Electrical Engineering):</p> <p>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 projects, 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.</p> <p>Project B, Community Learning Centre:</p> <p>This project will focus on enriching the learning resources for a primary school in a rural village. You will work in groups with the local university students to build a zero-carbon community learning center by re-structuring a second-hand shipping container. Our target is to develop and deploy a computer lab with eLearning resources to the school. The tasks will include, but not limited to, installing solar panels, water collection system, computers, furniture, and training to the local NGOs on how to use these resources.</p>																
<p>Whom will students serve?</p>	<p>Underprivileged people</p>																
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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> Rwanda: Mid May – early June Cambodia: Early –mid June
Fee payable by students	Cambodia: \$1700 (TBC) Rwanda: \$5000 (TBC)
Enquiry	Dr. Grace Ngai (csgngai@comp.polyu.edu.hk) Mr. Kenneth Lo (kenneth.wk.lo@polyu.edu.hk) Tel. 3400 3516