Engineering for Change Cambodia
with Engineers Without Borders
Information Guide

Photo by Kristine May
Engineers Without Borders (EWB) is a not-for-profit organisation with over ten years experience in creating change through humanitarian design, engineering and international development initiatives.

They achieve this by:

- Working in partnership to address a lack of access to basic human needs such as clean water, sanitation and hygiene, energy, basic infrastructure, waste systems, information communication technology and engineering education.

- Educating and training Australian students, engineers and the wider community on issues including sustainable development, appropriate technology, poverty and the power of humanitarian engineering.

- Leading a movement of like-minded people with strong values and a passion for humanitarian engineering within Australia and overseas

EWB has a new Humanitarian Design Summit specifically designed for university students who would like to travel overseas to learn about humanitarian engineering first hand: [www.ewb.org.au/designsummit](http://www.ewb.org.au/designsummit)

**Program Overview**

- Travel to Cambodia for two weeks, meeting with developing communities to learn about community development, appropriate technology and humanitarian engineering.

- Develop a deeper understanding of the role engineering and technology play in creating positive change within communities.

- Design a project to address an issue identified by EWB’s local community partner

- Gain hours towards your professional experience requirements

- Apply the skills and knowledge you have learnt at university within a Cambodian community context
Program Details

The Humanitarian Design Summit in Cambodia aims to challenge students to apply their skills and knowledge they have learned at university and apply them in a Cambodian community context developing their humanitarian engineering skills.

Teams, made up of students from a number of Australian Universities, will undertake a series of educational workshops before meeting with developing communities to learn about community development, appropriate technology, humanitarian engineering and design a project in conjunction with EWB’s community partners.

Workshop topics will include:

- Cambodian Culture and Language
- Working in Communities
- Appropriate technology

Proposed Itinerary:

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<th>Activity</th>
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<tr>
<td>28-Jun</td>
<td>Arrival Phnom Penh</td>
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<td>29-Jun</td>
<td>Introduction to Cambodia and Development</td>
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<td>30-Jun</td>
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<td>1-Jul</td>
<td>Cultural Experiences- Phnom Penh</td>
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<td>Community Partner Visits</td>
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<td>5-Jul</td>
<td>Transit to Siem Riep/Community Speaker</td>
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<td>6-Jul</td>
<td>Angkor Wat</td>
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<td>7-Jul</td>
<td>Angkor Wat and Siem Reap city tour</td>
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<td>9-Jul</td>
<td>Team Design Challenge</td>
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<td>10-Jul</td>
<td>Cultural Experiences- Phnom Penh</td>
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<td>11-Jul</td>
<td>Project Presentations</td>
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<td>12-Jul</td>
<td>Departure to Australia</td>
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Program Dates
28 June – 12 July 2015

Program Cost
$3500

Travel Grants
BUiLD Travel grants are available for 5 students.
The travel grant available is $2000.

OS-HELP loan
Extra financial support can be gained by applying for an OS-HELP loan if applicable. If applying for OS-HELP is it compulsory that students attend the OS-HELP workshop on 23 or 24 April 2015.

INCLUDED IN PROGRAM COST:

- Tuition, training, facilitators and learning materials
- All meals
- Accommodation (shared twin rooms)
- In county transport (private minibus and tuk tuk’s)
- Access to project sites and communities
- Community and EWB facilitation
- Personal and Medical Travel Insurance provided by UTS

NOT INCLUDED IN PROGRAM COST:

- International flights from Sydney to Phnom Penh
- Visa costs
- Vaccinations required
- Personal expenses
Who can apply

This fantastic trip is open to 5 UTS:BUiLD students with:

- A basic knowledge and understanding of engineering
- An easy going, flexible and independent character with a willingness to take initiative to learn
- A keenness to work hard and adapt to different surroundings and work environments
- Strong team working skills
- A current GPA of 1.5 or over

Requirements

If you are selected you must:

- Attend a pre departure session
- Represent UTS with distinction at all times during the program
- Submit at least two blog posts during the program to UTS to be used on the UTS:BUiLD Abroad Blog
- Submit a reflection piece to BUiLD on your return
- Complete a feedback survey on your return

Next steps

Complete the BUiLD application form online.

Applications close midnight 6 April 2015

For more information please contact:

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