



BRIEFING - ENGINEERS WITHOUT BORDERS UK

DESIGN CHALLENGE

When: **Friday 10/11/17 at 9am-10am**

Where: room **LR-A** (in the Red Brick Building).

Who should attend? **Foundation, 1st year** students

The School of Engineering is offering to fund two teams of students to represent UWTSD at the 2017-18 Engineers Without Borders UK Design Challenge.

The Engineering for People Design Challenge is an award winning initiative delivered by Engineers Without Borders UK. The Challenge gives students the opportunity to learn and practice the ethical, environmental, social and cultural aspects of engineering design.

Please attend the briefing to find out more about this fantastic opportunity for undergraduate students. By attending, **you are not making a commitment to participate.**

Engineering plays a pivotal role in everyday life and underpins our response to the global challenges of the 21st century. For a sustainable future engineers everywhere need to apply a globally responsible mindset and invest their skills and talent in engineering that benefits us all.

The Engineering for People Design Challenge prepares students, the engineers of the future, to become globally responsible engineers. Through working on real world issues and putting people at the forefront of engineering design, students will demonstrate how they understand context, identify engineering issues, and justify their recommended design ideas. Delivered as part of the undergraduate curriculum, the initiative contributes to the Engineering Council requirements for students on accredited degrees to demonstrate understanding of the design process and have a broad awareness of the economic, legal, social, ethical and environmental context of engineering activity.

Through participating in the Engineering for People Design Challenge, students are able to:

- UNDERSTAND THEIR FUTURE ROLE AS ENGINEERS
- UNDERSTAND THE PRINCIPLES OF GLOBALLY RESPONSIBLE ENGINEERING
- PRIORITISE DESIGNING FOR A PURPOSE AND FOR PEOPLE