

Summer Program

Engineering for Developing Communities – China

Dates:

July 20 -
August 15, 2014

Location:

Shantou, Guangdong
Province, China



Work with **Technion** faculty and **international** staff and students in **China**. **Learn** new tools and practices for **sustainable community development** and **explore** topics in public health, infrastructure, and **renewable energy technology**. Experience real-life field work in small-scale sustainable **community planning and development**. Engineering for Developing Communities is designed for **open-minded students studying** engineering, science, architecture, medicine and any other relevant field.

Engineering for Developing Communities – China

About the program:

- Study about sustainable community development, appropriate technologies, and capacity building
- Learn and practice community based approaches in identifying community needs and appropriate solutions
- Experience hands-on activities such as solar panel components, wind power, turbine construction, fuel briquettes, and bio-reactors for the production of bio-gas
- Get acquainted with China's culture, language, geography, and its people through fieldwork segments, field trips, activities, and special events
- Gain a better understanding of the importance of engineering in social and community development
- Design real-life projects addressing the needs of local communities in a participatory fashion



Housing:

Students will be housed at Shantou University and reside in local villages for field work and hands-on projects.

Cost

\$4000

The program costs include housing, all excursions and meals.

The Engineering for Developing Communities program is a 4-week course open to students studying science, engineering, architecture, medicine and other relevant fields with a 80/3.0 GPA or higher. Course participants will come from the Technion, Shantou University and other universities around the globe.

Upon completion of this 4-week program, students will be awarded Technion Academic Credits that may be transferrable to their home universities. Application forms and further details are available at: int.technion.ac.il

Technion International School

For further information please contact:

Tel: +972-4-8293532

yael.ewb@int.technion.ac.il

int.technion.ac.il



United Nations
Educational, Scientific and
Cultural Organization



UNESCO Network in
Sustainable Engineering
in Developing Communities