

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](http://int.technion.ac.il)

## Technion International School

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United Nations  
Educational, Scientific and  
Cultural Organization



UNESCO Network in  
Sustainable Engineering  
in Developing Communities



汕頭大學  
SHANTOU UNIVERSITY