EECE 401 International Experience, 2011

Spring Semester

Orientation and four One-hour Pre-Program Seminars

Summer

May 25 to June 5, classes at Chinese University of Hong Kong and Hong Kong University.

June 5 to 7, classes at Shenzhen Advanced Institute for Science and Technology, Shenzhen China.

June 7 to 11, classes at Hong Kong University of Science and Technology and Chinese University of Hong Kong.

Each student makes a 10-minute power point presentation on a topic related to solar energy and technology to the students and faculty of Chinese University of Hong Kong.

Before Fall Semester:

Each student writes a 20-page report that has two components: a). science and technology, and b). society and culture. This paper is 15 % of the final grade.

Fall Semester

First two weeks

Class jointly produces a video summarize the impressions of the summer (5% of the grade).

Students choose projects on solar energy and technology and attend weekly classes and discussions (Attendance and participation count for 10% of the grade).

November 14-18

Each student presents a 15-minute power point presentation (30% of the grade).

December 12

Research paper (50–page) due (40% of the grade)*.

An optional Community-based Teaching and Learning (CBTL) component, sponsored by the Gephardt Institute for Public Service, will give Washington University students the opportunity to mentor sixth- and seventh-grade students at the local KIPP: Inspire Academy, and assist them in developing science fair projects on solar energy technologies that may be exhibited at the Greater St. Louis Science Fair. WU students electing to participate in this program would meet with the KIPP students approximately once every 1-2 weeks during the semester, and give a final presentation on their CBTL experience and assessment to EECE 401 students and faculty.
*Master’s students’ final paper due by August 15, 2011.