New Course Announcement

Sustainable Medical Design for the Developing World

An exploratory journey into design, healthcare, ethnography and microeconomic stimulus

2 credit, 2 class program offered Fall 2010 & Spring 2011

Undergraduate Studies 3800

The goal of this course is to expose and educate students in the areas of medicine, communication, knowledge of human cultures, business and medical device design ultimately leading to improved access to health care for people in resource poor areas of the world.

The world needs people that can solve problems, think out loud, be creative and work together. Are you one of those people? Fill out the application and join our group!

This course partners student teams along with physicians, business people, community leaders and educators. The students will develop business and design requirements for specific international medical applications.

Small teams of students will be assembled to understand the needs of low cost medical technology in resource poor countries and will work with Utah doctors, nurses and technicians who have experience overseas in humanitarian health care practices.

The students will develop strategic business plans that can form the basis for sustainable businesses in resource poor areas of the world. Through this course we plan to focus on the large questions of our contemporary world to sow seeds of economic well-being while at the same time providing desperately needed medical technology.

This class is a two-semester experience that may provide the option for international travel on a humanitarian medical mission in the summer following the course. Students will be selected to participate in this class based on their background, interest and willingness to contribute to a multi-disciplinary, collaborative and innovative design experience.

Covers 1 of these general education requirements each semester:

1. Social/Behavioral or 2. Applied Science (Semester One)
1. Social/Behavioral or 2. Applied Science (Semester Two)

Friday 9:40-10:30am ~ Lecture
Tuesday 2:00-5:00pm ~ Group Meetings
Course location — 2405 MEB

Undergraduate Studies 3800
Please go to www.bioworld.utah.edu to fill out application.