



Project Title: Global Engineering Website Development

Project Summary (150 words maximum)

This project aims to engage undergraduate engineering students with multi-level non-technical and technical stakeholders through a website that extends beyond the classroom and the academic calendar. Applied Science 263: Technology and Development, subtitled "The Global Engineer," enables students to work on authentic socio-technical problems identified by village artisans in India. Students do not travel to India; information is provided by a Vancouver-based social entrepreneur (Maiwa Handprints Ltd.) who represents the artisans in India and in Canada. Students build knowledge on the basis of work completed by past cohorts, feedback from faculty members and Professional Engineers in Canada with ongoing feedback from artisans in India. Stakeholders connected through this website will include: past and present APSC 263 students, the social entrepreneur, the artisans, economic development workers, an educational researcher, two UBC instructors, five Professional Engineers, and prospectively faculty and students at the Indian Institute of Technology (IIT) Rajasthan.

Further information on the UBC-Maiwa Collaboration is available at: <http://maiwahandprints.blogspot.ca/2011/06/ubc-collaboration-new-challenges-for.html>

Further information on the course is available at:
[http://www.publicaffairs.ubc.ca/2011/09/01/engineering-students-"travel"-the-world-to-embrace-ambiguity/](http://www.publicaffairs.ubc.ca/2011/09/01/engineering-students-)