

ENG 100L – DESIGN FOR DEVELOPMENT LAB

DESCRIPTION: ENG 100L is the project course for the Global TIES program. The course provides students with “hands on experience in human-centered design and social innovation within a humanitarian engineering context. Each section of the course corresponds to a long-term project in which a faculty-supervised interdisciplinary team of undergraduate students design, build, test, and deploy a social innovation(s) in partnership with a local or global non-profit organization. *Prerequisites:* ENG 100, ENG 100A, or ENG 100D. These courses may be taken concurrently with the student’s first quarter in ENG 100L. ENG 100L may be taken for credit for up to six quarters. Technical elective, minor, and practicum requirements vary by department, so students interested in using the course for technical elective, minor, or practicum credit should consult with their departmental and/or college advisor.

INSTRUCTORS: Please see Schedule of Classes for section instructors. (The Global TIES program is directed by Dr. Mandy Bratton, 0016 Powell-Focht Bioengineering Hall, 822-7987, mbratton@ucsd.edu. Enrollment issues should be directed to Barb Donovan, Global TIES Program Specialist, 0017 Powell-Focht Bioengineering Hall, 822-4164, bdonovan@eng.ucsd.edu.)

OPPORTUNITIES TO DEMONSTRATE LEARNING: Detailed information about these assignments can be found on the Global TIES web site: <http://globalties.ucsd.edu>.

Attendance and Participation	25%
Weekly Reports	10%
Quarterly Poster	10%
Project Notebooks	15%
Quarterly Project Continuity Report	15%
Quarterly Project Client Presentation	10%
Reflection	10%
Peer Evaluation	5%
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Total	100%