



**THE OHIO STATE UNIVERSITY**  
COLLEGE OF ENGINEERING

# Engineering Service Learning Ghana Preparation

## ENGR 4692.02S

**Credit Hours:**

3.00 - 3.00

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**Course Levels:**

Undergraduate (1000-5000 level)

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**Course Components:**

Workshop  
Lecture  
Lab

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**Course Description:**

International Engineering Service Learning Program developed by the College of Engineering, OIA and Knowlton School of Architecture's City and Regional Planning. This IESL Program preparation course teaches the concepts of humanitarian engineering through an authentic real world service learning experience.

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**Prerequisites and Co-requisites:**

Prereq: Second writing course, or Grad standing in the College of Engineering; or permission of instructor.

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**Course Goals / Objectives:**

- Identify and analyze the impact of sustainable technology on a developing country in terms of, but not limited to, the environment, public discourse, economy, education, cultural attitudes, socioeconomics and public health;
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**Course Topics:**

- Devise practical and sustainable engineering solutions that involve partnerships with the local partners, including the local community at large.
  - Topics of lectures will be directly related to the project the students will be working on in-country and may vary year to year.
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**Designation:**

Elective