GLOBAL LEARNING INTRODUCTION & INDIVIDUAL ASSIGNMENT

Global Learning Student Learning Outcomes Addressed

Global Awareness: Students will be able to demonstrate knowledge of the interrelatedness of local, global, international, and intercultural issues, trends, and systems.

Global Perspective: Students will be able to conduct a multi-perspective analysis of local, global, international, and intercultural problems.

Global Engagement: Students will be able to demonstrate willingness to engage in local, global, international, and intercultural problem solving.

NOTE: GL content of your team presentation and report will be evaluated separately by the IAB members and faculty members in the three categories listed above.

Course Learning Outcomes

1. Students will be able to identify, analyze and integrate ethics similarities and differences in multiple markets and cultures.

2. Students will be able to conduct an analysis of an engineering problem and its global impact by identifying different factors such as technology, economics and society, and their contributions to the problem and/or solution.

3. Students will be willing to work in teams to develop solutions and action plans to address local, global and/or international engineering problems.

GL IN SENIOR DESIGN PROJECTS

- Evaluation of proposed design/solution with a multi-national, multi-cultural perspective
- Manufacturing and maintenance of the designed system in different regions of the world
- Consideration for built-in features in the design for easy/quick modifications for use in different settings and environments; modular design
- Multi-lingual user's manual (as appendix)
- Units used

GL Assignment: Develop at least 5 items that can be included in senior design projects. Briefly explain each what can be included in relation to global learning. Develop this as an individual assignment (not team-based) and prepare it on the computer as a formal document. This assignment is due next class and must be printed on paper and submitted in class.