**GT 4813 Project in Energy Systems**

Description

This is the culminating experience for students pursuing the minor in Energy Systems. Students will work on multidisciplinary teams focusing on a broad range of energy related problems. Problems are solicited from private industry and government.

Educational Objectives

1. Integrate the knowledge and skills of the individual team members.
2. Apply team knowledge and skills to formulate and solve a significant and relevant problem in the energy area incorporating:
   1. Consideration of all relevant scientific, engineering, public policy and economic issues
   2. Realistic constraints
   3. An assessment of relevant societal needs
   4. An assessment of the local, national and global relevance of the project
   5. Appropriate modeling and analysis
   6. Fully supported conclusions and recommendations for action or further work
   7. Clear written and oral communications in the relevant vernacular
3. Build written and oral communication skills across disciplinary boundaries.

Instructors

This course is team taught by faculty from the three colleges appropriate to supervising the group projects. In addition, informal expert connections will be established with the company or agency proposing the project.

Grading

Grading is based on interim and final written and oral reports. Each presentation and report is graded using a rubric.

Notes

Final presentations are advertised and open to the campus.