

ENGR 102 - Freshman Academy

Fall 2009 (Leana Golubchik)

Sustainability Project

Project Goals

- Build a company aimed at solving a sustainability problem
- The company's product must require an engineering solution
- The company needs to be profitable

Teams

- Project is done in groups of 4-5 students
- Each student must have a clear role (or multiple ones) on the team
 - Team leader/CEO
 - Chief Engineer (VP of Engineering)
 - VP of Sales and Marketing
 - CFO/finances
- The group is evaluated as a team (not individually)
- We will divide students into teams
- Once teams are formed and team contract is signed, the teams are final

Deliverables

- Project proposals
 - Written proposal (1-2 pages) due in class on Sept 28th
 - Brief (10 min each) presentations of proposals and team member roles (starting on that date, with continuation the following week as needed)
 - Team contract signed and final at this point
- Final project report and presentations
 - Last two weeks of class, Nov 23rd and Nov 30th
 - Project report (5-7 pages) due at that time
 - Team project presentations (20 min each)

Getting Started

- Center for Sustainability
 - <http://www.centerforsustainability.org/index.php>
- Center for Neighborhood Technology
 - <http://www.cnt.org>
- I-GO Car Sharing
 - <http://www.igocars.org>
- Google Green Maps
 - <http://services.google.com/earth/green>
- Java-Log: The World's Only Eco-Friendly Coffee Firelog!
 - <http://www.java-log.com>
- Example executive summaries
 - <http://www.mit100k.org/resources.php>