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
- 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