Build or create something using unusual materials or tools, using the unique interests and talents of your group members. Present your work to the class.

**A few sample topics:**

* Build a structurally sound, fully edible bridge with M&Ms (or a similar candy) as the major building material.
* Create a larger-than-life model of the human heart out of only materials collected for free from a campus eatery (sugar packets, napkins, water cups, plastic silverware, etc.).
* Perform or record a popular song using wine glasses and beer/soda bottles as percussion and wind instruments.
* Create a basic video game incorporating the original poetry of a team member. (For the rare group that has both programmers and poets.)

**A few project guidelines:**

* *Every* team member should contribute substantially in some way. Achieve *buy-in* from everyone.
* Remember that this is a one-credit class, and you have about 5 weeks (give or take) before presenting. Choose a project that you feel you can reasonably complete in less than 2 hours per week (less than about 10 hours total). Remember that this includes planning, completing the project, and putting together the presentation.

**A few presentation guidelines:**

* You have 20 minutes maximum to present your work to the class.
* You may present it in any way you wish, but all of your team members need to be involved in the presentation.
* The presentation should be polished, dynamic, and informative.

**Grading (50 points total):**

* Content: 20 points
* Presentation skills and organization: 20 points (10 for the presentation as a whole, and 10 for your individual portion)
* Team participation: 10 points (I will have you give feedback on your team members)

**What are the goals of this project, and why am I having you do this?**

One of the goals in the course description is: “Teamwork and effective team-building skills in engineering environments, with a focus on multidisciplinary and complex engineering projects.” An additional goal of mine is to have you become more comfortable and effective in presenting your work to a group of peers.

This project gives you a chance to use your creativity and engineering knowledge, to tackle a task as a multidisciplinary team, and to present your work to the class.