



PROJECT COMPONENTS:

Completion of two student projects is a requirement for this course. The components of the project are...

Online Journal

- Submit an engineering proposal that outlines your project ideas.
- Documentation through a webpage devoted to your project.
- Weekly journal entries that document updates your project with any notes, pictures or video clips.

Presentation

- Develop an engaging presentation for the class that reflects and summarizes your project.
 - Visuals should be included (graphs, pictures, videos, etc.).
 - Duration will be 5 minutes.

Summary Video

- Explanation of setup and equipment needed.
- Demonstration of the project.

TASK #1 – After you have researched the technologies, now need to find a partner and begin to work together on your project. Keep in mind that the MakerSpace technologies are available for all groups but we are hoping that a pair of students will take ownership of a particular technology. As well, more than one technology can be used in a final project build. There are number of project ideas mentioned in class or maybe you have one in mind. **MAKE SURE YOU ARE ABLE TO GET THE NEEDED MATERIALS!**

Save an electronic copy (found on MakerSpace page) and rename as your group...

- (1) Outline your objectives...what would you like to do using the available technologies.** This could include further developing the technology, expanding on the technology or applying the technology. One important aspect of any build is communication. Be sure to visit any websites related to the technology, sign up for any newsletters/forums and check out the social media sites.
- (2) Document all of these resources on your proposal by making hyperlinks.** It will be important to research the technology and search for possible ideas/designs/builds. Your final build does not need to be unique but be sure to customize for your own needs.
- (3) List materials needed, include designs through sketches/pictures...copy and paste into proposal.**

DUE: Project Proposal must be completed AND posted online by Monday, September 19th.

[ONLY ONE PROPOSAL PER GROUP NEEDS TO BE SUBMITTED]

NOTE: This will be evaluated in the Part I Documentation (see above)...same mark for both in the group!



PROJECT #1 PROPOSAL

NAME(S):

TITLE:

PART A: PROJECT IDEAS & OBJECTIVES

PART B: ELECTRONIC RESOURCES

PART C: MATERIALS, DESIGN