

## Final Project for PHY2061

### **Assignment:**

Construct a gadget which has a visible and/or audible effects and whose main working principle is in electricity and magnetism. A few examples include motors, speakers, microphones, generators, and etc. Try to use materials that can be easily available. The project can be a reproduction of a known scheme or original. If the project is based on existing sources, make sure to refer the sources properly. Two students will form a team to work on a project. Each team should prepare 1 page PPT slide which includes the title, student names, summary, and source. Each team will have 5 mins to make a presentation including the demo of the gadget. For example, one student make a presentation and the other perform the demo.

### **Timeline:**

April 19<sup>th</sup> (Friday): Submission of PPT by e-mail

April 22<sup>nd</sup> (Monday): The order of presentation will be announced.

April 23<sup>rd</sup> (Tuesday): Presentation in class

### **Grading:**

Both PPT and working gadget are essential for the full score (5 pt). The originality of a project is not a main concern. Two best projects selected by the instructor will receive a surprise award.