Independent Study Project

Electronics 110
Spring 2016

You must submit a 1-page proposal for your Independent Study Project (which is also your final project for Electronics 110).

You may work alone or with a partner.

Your proposal must be approved by the teacher and must include:

- Your ultimate goal (what you will build)
- The parts you think you need (although you may need to add to this as you go)
- The skills that you don't have now that you will need to learn

Previous projects include:

- Basic rolling robot
- Gripper arm controlled by push buttons (robotic arm)
- Touch-activated automated bumper car
- Building a computer overhead projector (multiple strategies)
- Electronic art (art object with electronics embedded – light, sound, movement)

Milestones:

1. Project Proposal – May 9
2. Purchasing Order Deadline – May 9
3. At least 3 milestone dates, including Prototype and Video – Included in your proposal (May 9-23)
4. Final Presentation – Week of May 23-27