CMSC 119: (De-)Coding The Drone

Final Project – This is (not) a Drone.

Your final project should be an ambitious project using the skills you have learned in this course. You should build a software artifact in support of one of the following statements: <u>This is a Drone</u> or <u>This is not a Drone</u>. The project can use any of the computing platforms we used in class: Calico Processing, Arduino, or the Scribbler. You are free to work individually or in groups of two. All projects will have the following two components, but the emphasis may vary:

- **Software** — The python program that serves as the brain of your drone or un-drone.

- **Written Reflection** — A written reflection on your project.

Deadlines

- **Project Proposal (Nov 14)** — What are you proposing to do? Why is it interesting? Why is it ambitious? Why is it not too ambitious?

- **Project Status Presentation (Dec 5)** — A five minute, in-class presentation of the state of your project including a discussion of why the project is interesting and how it is supposed to work.

- **Final Project Presentation (Dec 19)** — A ten minute, in-class presentation of your project. The presentation should include: a demonstration of the project, a discussion of what obstacles you had to overcome, and an overview of how it works.

Deliverables

Submit an electronic copy of your proposal, final program and reflection via moodle as .pdf and .py files.