Final Project

The culmination of the course is the creation of an interactive work of art that incorporates robotic technology.

- Proposal: due October 11
- Mid-Project Progress Report and presentation: due November 8
- Installation, wall text, and maintenance manual: due December 4
- Exhibition opens December 7, 5-7pm, attendance is mandatory
- Final project documentation: due December 14

Minimum Requirements:
Must be interactive and engaging with visitors
Must be professionally installed and easily maintained by the museum staff

Notes for a Group Project:
A group project will be accepted only when each member will build their own piece individually for a larger installation that may connect the individual pieces conceptually and visually or may provide an interaction between the individual pieces showing the collective behavior. Each member should be involved in the same amount of programming and art making process. Please avoid taking a role to contribute to only one aspect of the project such as only programming or only constructing a sculpture.

Process:
1. Proposal: Please use the provided template to submit your concept proposal. The proposal should include:
   a. Concept
   b. Description about the implementation from both technical and aesthetic aspects, including sketches
   c. Diagram of the installation
   d. (Required for a group project only) Team members and discussion of the individual pieces to be made towards the group’s whole piece
   e. Materials and technical requirements

2. Mid-Project Progress Report: You will need to write a short (2 page) progress report, discussing your current position in the process and what remains to be done. The report should include a photo of your piece and the current code. Please document your process often by taking the pictures and videos for this and the final report.

3. Installation, Wall Text, and Maintenance Manual: Installation will take place before and during the class time on December 4. Professional installation is absolutely a must for this kind of public exhibition space. A short description of your piece with your name, title, dimension, and medium is required by the time of installation for the wall.

   Each day your piece will be turned on and off by a museum staff member, and
this is based on your instructions on how to maintain the piece. Please provide
the museum with a clear and concise manual that includes a routine to operate
the piece and a couple of troubleshooting tips for some possible problems
projected. You should also include your contact information, in case you need to
go to the gallery to fix your piece.

4. **Exhibition:**
The opening of the show will be 5-7pm on December 7. Although it is outside of
the class time, we have set a mandatory requirement to attend this event from
the first day of the class. Please make any necessary arrangements for this
ahead of time.

5. **Follow-up fixes & Final Project Documentation:**
The following weeks of the exhibition will be spent fixing unexpected problems
with the installation and for writing your reflection of your project. Documentation
of your process should be included. We will provide additional details of what
needs to be in the final report later in the semester.

**Successful projects should exhibit the following:**

**Techniques - Implementation of technologies**
- Use of effective and appropriate technologies.
- Reliable performance: no (or at least minimal) failures/bugs/errors.

**Aesthetics / Contents**
- Engaging and visually appealing performance. Interactivity is required!
- Creative use of technology and art materials.
- Use of effective art materials.
- Well developed theme.

**Integration**
- Fun and enjoyable interaction for the viewer.
- Secure and neat installation (no duct tape please). Expect critique on this!
- Simple maintenance (e.g. running off a power supply and timer) and well-written
  manuals.