6.836 Embodied Intelligence – Course Outline

Massachusetts Institute of Technology

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Class email list 6836@ai.mit.edu If you did not attend the first class, send email to sally@ai.mit.edu to get added to the class email list.

Collaboration On the problem sets it is fine for people to work together, talk, exchange ideas, argue, etc. But I would like everyone to write things up separately and hand in unique things. Recall that there are 6 problem sets, each worth 10% of the grade. The due dates for the problem sets are on the back of this page.

Final Project The final project, worth 40% of the grade, is slightly different. For this group projects are fine, but should represent n times the work put into a project by a single person, if n people are collaborating. A proposal will be due on March 23rd using a format that will be released at a later date. For the final project you should hand in a (group) written report.

> *What should the projects be?*
>
> A final project for 6.836 should be a significant effort (four problem sets worth) in developing some idea from the class further. This can take the form of a detailed paper design or analysis of some system, or a program that demonstrates something (e.g., an artificial life program, or some evolutionary system applied to some sort of creatures or problem), or the construction and programming of a robot. Note that the course can provide no resources for these projects.

Oral Presentation There will also be an oral presentation during the week preceding the final week of classes. Every person in the class will have to give a five-minute presentation. This is worth one quarter of the project grade, or 10% of the final grade. Note that the presentations will be the week of May 7-11 and the project will be due on May 17. Many people will not yet have their results, which is fine. The presentation is meant to outline the problem, the approach, and the expected outcome. If there are multiple people in a project then the people should all follow each other, so that you do not need to repeat all the set up information.

Late Policy Problem sets should be handed in at lecture or by 5PM on the problem set due date. Problem sets handed in after 5PM will be penalized by 20%. Each additional day late will result in the removal of another 20% from the original maximum grade.

More explicitly the following list shows the maximum grade attainable:

Due date	-> 100% of max
after 5PM on due date	-> 80% of max
after 5PM on due date + 1 day	-> 60% of max
after 5PM on due date + 2 days	-> 40% of max
after 5PM on due date + 3 days	-> 20% of max
after 5PM on due date + 4 days	-> 0% of max (don't bother handing it in!)

Problem sets can be turned in at lecture or outside of NE43-937.

The project is due on the last day of MIT classes. Due to MIT regulations we cannot give any extensions on the project.

Grading There will be 6 problem sets each accounting for 10% of the grade. There will be a final project/essay which will account for 40% of the grade.