APSC 200 P2: Lesson Plan

Department of Mathematics and Engineering
Queen's University

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This document provides an outline as to what will be covered each week for the duration of the P2 project. The workshops are meant to be a work period for students and provide an opportunity to ask questions they may have about the project.

Table 1: P2 Project Schedule

Week 1	Lecture	Introduce students to the P2 project. Provide a summary of each of the four algorithms available to the students to use for their project.
	Workshop 1	Students will be researching area of application to use for project. Answer questions students may have regarding their application choice.
	Workshop 2	Pitch Presentations. Each group must present during this workshop period.
Week 2	Workshop 1	Answer questions students have regarding the mathematics of each algorithm or the proposal report. Note that students shouldn't be looking to transferring mathematics of algorithm to MATLAB yet. Remind students that the proposal report is due by the end of the week.
	Workshop 2	Provide a brief introduction to the MATLAB Primer available to the students to help them prepare for coding their simulation in Week 3. Answer questions relating to the project. Remind students that their proposal reports are due at the end of week.
Week 3	Workshop 1	Answer questions regarding the MATLAB code or the project. Students will be working on code for the functions for the adjacency and Laplacian matrices. Remin students that the first progress report is due at the end of the week.
	Workshop 2	Answer questions regarding MATLAB or the project. Students will be working on code for the functions for the adjacency and Laplacian matrices. Remind students that the progress reports are due at the end of this week.
Week 4	Workshop 1	Answer questions regarding MATLAB or the project. All groups will be developing some code to update agent position. Students will also be working on other portions of code depending on the algorithm being used.
	Workshop 2	Answer questions regarding MATLAB or the project. Groups should be completing the core of code required for the simulations to run by the end of this week.
Week 5	Workshop 1	Answer questions regarding MATLAB or the project. Students should begin working on their final reports for the project. Provide a reminder of what needs to be included in the report. Progress Report 2 will also be due.
	Workshop 2	Answer questions regarding MATLAB code or the project. Students should be working on their final reports for the project. MATLAB programming should be completed by the end of this week.
Week 6	Workshop 1	Answer questions regarding MATLAB code or the project. Remind students to begin working on their final presentation in addition to their final report.
	Workshop 2	Answer any remaining questions about the final report or presentation.