**Lesson Plan for CS 1109 Collaborative Learning Group (CLG)**

Alice Chen

Summer 2016

**Agreement (all apply to Alice as well)**

* I will not be late for the CLG seminar. If I do get late for whatever reason, I am willing to do 20 squats immediately after the end of the seminar (i.e. at 8:30PM). For extraordinary situations, I will email Alice at least one hour before the class if I have to be late or absent.
* I will stay focused and learn collaboratively with Alice and my fellow students in each seminar. I will not be using my cellphone, laptop, or any other electronic devices during the seminar. I will bring my notebook and pens (of at least two different colors). If I am found using electronic devices or fail to bring my notebook and pens, I am willing to do 20 squats immediately after the end of the seminar (i.e. at 8:30PM).
* I will respect everyone’s time and will help Alice stay on schedule. If I want to discuss something that requires much more time than we have in each seminar, I will postpone the discussion until after the seminar or discuss it via email.
* I understand that Collaborative Learning Groups exist as a chance for me to collaboratively learn with my fellow students, and I am ultimately responsible for how much I can get out of it.

**Learning Strategies**

Learn everything attentively, even things you think you already know; make a calendar and a to do list; take notes with notebooks; dig deep into the concepts and problems (i.e. ask yourself / Alice / professor / TA / etc. questions); use help available!

Tips for reviewing: start early, do problems, do blank page review.

**Schedule (tentative)**

Wednesdays 7-8:30PM

7:00-7:50 Concepts, problems, and discussion

7:50-8:05 Stretching exercise (tai chi etc.) and logic game

8:05-8:30 Questions and recap

8:30- Squats (if any) and optional discussion

**Calendar (tentative)**

JUN 29 Introduction, operators and expressions

JUL 6 Conditional statements, loops, arrays, matrices

JUL 13 Data manipulation, nested loops

JUL 20 Functions, program design

JUL 27 Files, plot, advanced topics

AUG 3 Review