EECS 16A Designing Information Devices and Systems I
Fall 2020 Final Exam – Instructions

Read the following instructions before the exam.

Good luck on the final exam! You've studied hard and we are rooting for you to do well!

Our advice to you: if you can't solve a particular problem, move on to another, or state and solve a simpler one that captures at least some of its essence. You will perhaps find yourself on a path to the solution. **We believe in you!**

Format & How to Submit Answers

In this exam there are 10 problems (2 introductory questions and 8 exam questions containing subparts) with varying point number. The problems are of varying difficulty, so pace yourself accordingly and avoid spending too much time on any one question until you have gotten all of the other points you can. If you are having trouble with one problem, there may be easier points available later in the exam!

Complete your exam using either the template provided or appropriately created sheets of paper. Either way, you should submit your answers to the *Gradescope* assignment that is marked Final for your specific exam group. Make sure you submit your assignment to the correct *Gradescope* assignment. You MUST select pages for each question. We cannot grade your exam if you do not select pages for each question. If you are having technical difficulties submitting your exam, you can email your answers to `eecs16a@berkeley.edu`.

In general, show all your work legibly to receive full credit; we cannot grade anything that we cannot read. For some problems, we may try to award partial credit for substantial progress on a problem, and showing your work clearly and legibly will help us do that.

Timing & Academic Honesty

You are expected to follow the rules provided in the Exam Proctoring Guidelines.
https://docs.google.com/document/d/1EVb4Ca6FWSAykExY7X5ynFW4KdmHd0BI6KZ0ktM8ows/edit?usp=sharing
The exam will be available to you at the link sent to you via email. The exam will start at 8am Pacific Time, Friday, December 18th, 2020, unless you have an exam accommodation. If you experience technical difficulties and cannot access your exam, let us know by making a private post on Piazza and we will try to help.

You have 180 minutes (3 hours) for the exam, with 40 minutes of extra time for scanning and submitting to *Gradescope*. Most of you will have to submit your exam by 11:40am unless you have another accommodation. Late submissions will be penalized exponentially. An exam that is submitted N minutes after the end of the submission period will lose 2^N points. This means that if you are 1 minute late you will lose 2 points; if you are 5 minutes late you will lose 32 points and so on.

This is a closed-note, closed-book, closed-internet, and closed-collaboration exam. Calculators are not allowed. You may consult **three** handwritten 8.5" by 11" cheat sheets (front and back of three pieces of paper). Do not attempt to cheat in any way. We have a zero tolerance policy for violations of the Berkeley Honor Code.