
EECS 16A Designing Information Devices and Systems I

Spring 2021 Homework 0

This homework is due **Friday, January 22, 2021 at 23:59**.
Self-grades are due **Monday, January 25, 2021 at 23:59**.

This homework is simply so you can learn how to submit homework assignments and self-grades and so we can get to know you. Make sure you are comfortable with submitting homework assignments and self-grades. Actual homework assignments will start next week.

Submission Format

Your homework submission should consist of **one** file.

hw0.pdf: A single PDF file that contains all of your answers (any handwritten answers should be scanned). Submit the file to the appropriate assignment on Gradescope.

1. Survey To complete this part of the HW, you only have to fill out the two surveys and indicate in your submitted answer that you filled them both out. Nothing else is required.

(a) We would like to get to know you all a bit better, please do tell us about yourself!

<https://forms.gle/QNZoUNTZUAufcVgP8>

(b) Since students won't have the chance to get to know each other in the usual way this semester, we are trying a new pilot plan to organize study groups for you all. Please give us some information that will help us create study groups for all of you.

<https://forms.gle/hrwQZvuv3g6BbDk66>

2. Syllabus

Read the course syllabus and answer the following questions.

The syllabus can be found here: <https://eecs16a.org/policies.html>.

(a) What are the dates and times for both midterms and the final exam?

If you live in a timezone other than the Pacific Time zone (for Berkeley) compute what times these correspond to for you.

Solution:

Midterm 1 is on Monday, March 1, 2021, from 7pm-9pm Pacific Time.

Midterm 2 is on Monday, April 12, 2021, from 7pm-9pm Pacific Time.

The final exam is on Wednesday, May 12, 2021, from 11:30am-2:30pm Pacific Time.

(b) If you need exam accommodation whom do you contact and how?

Solution:

Head GSI via email at eecs16a@berkeley.edu.

You have to contact the head GSI as soon as possible.

- (c) When is homework 1 (not this homework) due? When is homework 1's self-grade due? In general, what day of the week is the homework due and at what time? In general, what day of the week are the self-grades due and at what time? If you live in a timezone other than the Pacific Time zone (for Berkeley) compute what times these correspond to for you.

Solution:

Homework 1 is due Friday, January 29 at 23:59 Pacific Time. Self-grades for Homework 1 are due Monday, February 1 at 23:59 Pacific Time.

All homework assignments are due on Friday at 23:59 Pacific Time, and their respective self-grades are due the following Monday at 23:59 Pacific Time.

- (d) When are homework parties? Homework parties are where groups of students can get together to work on the homework together.

Solution:

Homework parties are online on Thursdays 2 - 4 pm (Pacific Time).

- (e) How many homework drops do you get? Reminder, the homework drop is for extenuating circumstance such as getting sick, family emergencies etc. You should plan on completing and submitting all homework assignments and self-grades.

Solution:

You only get one homework drop.

Please reserve this for emergencies.

- (f) If you miss a homework, can you resubmit it for partial credit after the solutions are released? When do you have to submit it by?

Solution:

If you miss a homework, you can resubmit it by the self-grade deadline Monday at 23:59 Pacific Time (same time as self-grades) to get partial credit on it, you can get up to 70% of the credit on the HW. You will have to submit resubmission self-grades at the same time as the resubmission.

- (g) What is the penalty if you turn in your self-grades up to one week late?

Solution:

You only receive 75% credit on that homework.

- (h) What score will you get on a homework if you do not submit your self-grades?

Solution:

You will receive a 0% on that homework.

- (i) There are two ways to get participation credit in the course — by either attending discussions live, or by watching a recorded discussion. Describe the procedures to get discussion credit for both types of participation. How many discussions do you need to attend to get full participation credit?

Solution:

If you attend a discussion section live, you will automatically get participation credit through the zoom attendance logs. If you watch a recorded discussion, you must submit the discussion checkoff form by Monday at 23:59 Pacific Time (same time as self-grades) the following week.

You must attend 16 discussions to get full participation credit.

- (j) Fill in the blank: You should attend one discussion section on _____ and one discussion section on _____ each week.

Solution:

You should attend one discussion section on Monday and one discussion section on Wednesday each week.

- (k) Provide a complete list of everything you must do in order to receive credit for your homework assignments.

Solution:

To receive full credit you must submit a scan of your work, including any necessary printouts and/or screenshots of your Python code (all compiled into a single pdf document), before the Friday submission deadline. Further, you must submit your self-grades after the assignment has been submitted and before the Monday deadline.

- (l) Read the following guide:

https://docs.google.com/document/d/1Ebg_jdTqLQydNIYSX332J_nfDARa65INAapRwo7CX0A/edit.

What are the five steps in the submission process for a PDF on Gradescope? Please note that if you do not select pages for each question/subquestion we cannot grade your homework and we will be forced to give you a 0.

Solution:

- i. Find the appropriate assignment in the Gradescope portal.
- ii. Select “Submit PDF”.
- iii. Upload your single PDF, containing both your (scanned) handwritten answers and a “printout” of your iPython code (can be concatenated with www.pdfmerge.com).
- iv. Assign questions to pages of your submission. Each page (including iPython pages) must be assigned a question, and each question must be assigned a page (except optional or practice questions) before you click “Submit”.
- v. Click “Submit” in the lower right-hand corner. If you have selected pages correctly, you will not have to click through a warning message.

- (m) If you submit your homework but forget to select pages, can you reselect pages?

Solution:

Yes, you can go back in to Gradescope and reselect the pages.

Grading will usually start the morning after homework is due, so if you reselect pages by then, you should be fine.

- (n) What percentage do you need to get on a homework assignment for you to get full credit for the assignment?

Solution:

80%. If you get $x\%$ of the homework correct, where $x < 80$, you will get $(x/80) * 100$ points on that assignment.

- (o) Will the exams in this class be proctored via personal Zoom recordings?

Solution:

Yes, the exams in this class will be proctored via Zoom recordings.

You may find more information here:

<https://docs.google.com/document/d/10pnWwxyZ40nlpbCM4aOYTxXOjc36sIQaMx9m8zyaR8w/edit?usp=sharing>.

- (p) Fill in the blank:

If you miss ___ or more labs you will fail the class.

Solution:

If you miss 4 or more labs you will fail the class.

- (q) Fill in the blank:

During buffer lab periods, you may get checked off for at most _____ missed lab that occurred during that lab module by attending your _____ section.

Solution:

During buffer lab periods, you may get checked off for **only one** missed lab that occurred during that lab module by attending your **assigned** section.

3. Homework resources

If you need help on a homework problem or have a question about the material, what are some of the resources you might be able to use?

- (i) Homework party
- (ii) TA office hours
- (iii) Professor office hours
- (iv) Asking a friend taking 16A
- (v) Posting on Piazza
- (vi) Going to discussion
- (vii) All of the above

Solution:

vii.