



Section 1

Intro to CS 107A

CS 107A, Autumn 2021
Andrew Benson (adbenson@)



Don't forget to start recording



Announcements

- Section usually starts with announcements!
- Course website: <https://cs107a.stanford.edu>
- Canvas: <https://canvas.stanford.edu/courses/143468>
- Slack: <https://stanford-cs107a.slack.com>
- Sign up for a lab slot: open Tuesday 5pm PT until Saturday 5pm PT
- Send OAE letters to cs107@cs.stanford.edu
- CS 107 Helper Hour schedule is up and running



Bird's Eye View

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Monday	Tuesday	Wednesday
CS 107A		Section: Intro to CS 107A		Section: Intro to UNIX			Section: Integers	
CS 107	Lecture: Welcome to CS 107		No Lab		Lecture: Integers	Lecture: Bitwise Operations		Lab: Integers / Bits
CS 107 assignments	assign0 released					assign0 due, assign1 released		



Agenda

- Getting to know each other
- What is CS 107 like?
- Syllabus and Policies



Getting to know
each other

About Me

- From: Seattle, WA
- Currently: EVGR-D
- Graduated CMU in 2017 (BS CS)
- Worked at Google for 2 years
- 3rd year MSCS, “Software Theory” track
- Also teaching CS 9 - learn about how to get a job in CS
- Hobbies: traveling and cooking





About You

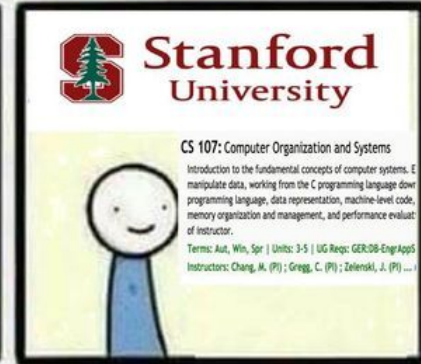
- Name
- Major / Year / Dorm
- Where are you from?
- A non-CS class you're taking (or at least not CS 107/CS 107A)
- A fact about yourself - could be interesting, could be boring, could be mildly remarkable
- Tell me your SUNET so I can take attendance, sigh





What is CS 107
like?

...according to Stanford Memes for Edgy Trees?



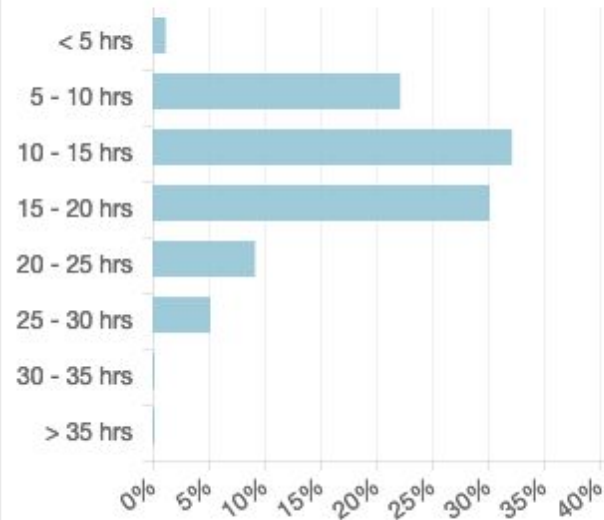
...according to Stanford Missed Connections?



...according to Carta?

▼ INTENSITY

Hours per week (2050 students) ⓘ





...according to Carta student reviews?

! NIKC IS A FUCKIN BEAST if you take this class with Nick you will not regret it. I was a bottom-of-the-class straggler in 106B and i never thought i'd take a CS course here again but this class changed my mind. Great instruction, helper hours are organized, fuckin incredible realy 11/10

(2019/2020, Spring)



...according to win21 CS 107A students?

- Ignore the rhetoric, come with no expectations - psets are doable, but you gotta put in effort.

- Ask more questions.

- It's doable, have the confidence you can do it.

- It's hard, but the way CS 107 is taught makes it accessible.

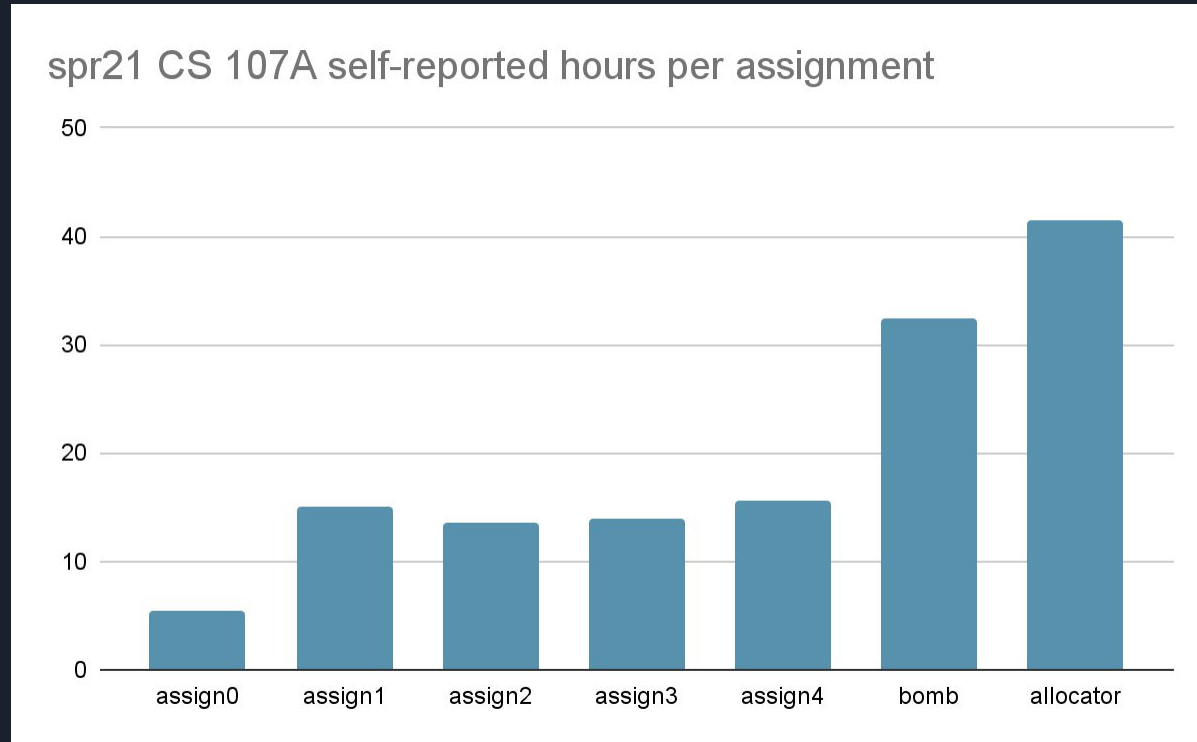
- Don't be afraid to ask questions if something doesn't make sense to you. If you're not sure, don't make an assumption, just ask, you won't regret it.

- Don't be afraid to ask for (allowed) help.

- Start ASAP, sleeping over the homework can help.

- Spend a couple hours on the assignment the day is released just understanding the handout - the hardest part is just getting started, and this will help you get over that hurdle.

...according to spr21 survey results?





Takeaway

- CS 107's reputation is exaggerated.
- But take CS 107 seriously.
- Start assignments early - at least read the handout so you know what you're up against.
- Don't be afraid to ask questions. CS 107 has a great staff.
- You CAN do it.
 - Yeah but actually



Syllabus and Policies



What is CS 107A

- 1 unit companion course to CS 107
- Satisfactory / No Credit
- 2 hours / week, spread across two sessions
- We will review material from a recent CS 107 lecture
- We will do some exercises related to the material



CS 107A Platforms

- Course website: cs107a.stanford.edu
 - Syllabus, slides, walkthroughs, grades
- Canvas
 - Only for recordings
- Slack
 - All course communication
- Zoom
 - Only for remote office hours



CS 107A Enrollment

- You need a permission number to enroll
- I have the permission numbers, but there's limited seats
- That's why we have the application
- Likely everyone will be accepted
- I'll release permission numbers in the gradebook this weekend after the application closes



CS 107A Breakdown

- Section
 - Tue/Thu 4-5pm PT
 - Slides on the website, recordings on Canvas
- Office Hours
 - In-Person
 - Asynchronous
- Walkthroughs
- 1-on-1 Check-ins
- Exam Review Sessions



CS 107A Grading

- Satisfactory / No Credit, 1 unit
- Purely participation based
- Let N = number of required sections during Autumn 2021
- If you get credit for at least $N-2$ sections, you get a grade of Satisfactory, else No Credit
 - Week 1 sections are optional due to Week 1 chaos
 - Certain other sections may be announced as optional
- If you need an excused absence, Slack me and we'll work something out for credit



CS 107A Expectations for You

- Keep up with CS 107 lectures and homework
- Attend section
- Reach out to me on Slack for anything
- Take advantage of CS 107A resources, like the walkthroughs, office hours, review sessions, etc



In case of extra time

- Review of how to SSH into the Myth machines
- Cowsay program
 - `/afs/ir/users/c/g/cgregg/cowsay/bin/cowsay`