

CS 333 Programming Languages

Instructor: **Ying Li**

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What do we do in CS333?

- ◆ Generally speaking, we do two things in CS333
 - Learn C language and inspect its memory usage
 - Inspect the fundamentals of programming languages
 - ▶ Use C Lite (a lite version of C) to study the theoretical problems
 - ▶ Use C/Java/Python for the practical problems
- ◆ Ultimate goal: know how to learn a new programming language quickly and write more efficient programs

Coursework & Evaluation

♦ Two-week Projects: 40%

- Assigned usually on Wednesdays, and the usual deadline is the *midnight of the second Wednesday after the project is assigned*.
- Every project has *two parts*: C language part and the selected language part (both parts must be completed individually)
- *Late submission* will not have extensions graded, and therefore, will receive a *maximum score of 26/30*.
- *One four-day extension* for you to use at your discretion over the semester (except the last project)
- Include the link of your *Google Sites report* for your selected language in the README file, *zip* your *source code* and *README file* (DO NOT include executable files), and submit the *zip file* to *Google Classroom*.
- The first project has been posted and is due on September 23, 2026.

♦ Weekly homework assignments: 10%

- Assigned usually every Wednesday, and the deadline is *Friday at the beginning of the class*.
- *Hard deadline*. We discuss the solution in Friday's class, so late submission will not be accepted.
- *Graded in a binary fashion*: hand in a reasonable attempt before deadline, you get a 1, otherwise a 0.
- Email your homework to me with the subject in the format "*CS333 Fall2026 HW# — Your Name*" (e.g., CS333 Fall2026 HW1 -- Ying Li). If your subject format is correct, you will automatically receive the homework solution.
- The first homework assignment will be given next Wednesday after the lecture.

Coursework & Evaluation (cont.)

♦ Bi-Weekly quizzes: 25%

- ~10 minute quiz
- *20 minutes* to complete the quiz, usually *before the end of every other Friday's class*
- Each quiz may be made up when a prior request is made or there is a documented health issue. *Please contact me immediately in the event of illness and other unforeseen circumstances*, we will work out accommodations.
- The *lowest quiz grade will be dropped*.
- The first quiz will be given in the week 3.

♦ Final Exam: 15%

- *Oral*; in-person presentation; no make-ups
- Details will be provided as we near the end of the semester.

Coursework & Evaluation (cont.)

♦ Participation: *10%*

- You are expected to *attend every lecture* and *actively join the class discussions*
- If you have to miss one or more lectures for any reason, please let me know in advance. I'm happy to work with you. You also need to arrange another time to read the lecture notes and finish coursework on time. You will not lose participation credits if you let me know beforehand.
- Feel free to *come to my office hours*. I'm happy to help if you let me know your questions.
- Participation also includes *asking for help from the TAs*.

Lecture notes, homework assignments, and projects will be posted in the **Notes Homework & Projects** section of the course webpage few hours after the class.

How to Succeed

- ♦ **Projects:** Start working on the projects as early as possible. Ask TAs and me for help when you need. Talk with your peers about the course concepts.
- ♦ **Homework:** Homework assignments help you self-check your understanding of the course contents and prepare you better for the quizzes. You are strongly encouraged to try out the homework questions before reading my homework solutions.
- ♦ **Quizzes:** Study for the quizzes by doing the homework assignments. The lowest quiz grade will be dropped. So, your grade won't be affected by that single underperformed quiz.
- ♦ **Participation:** Be active in class, asking questions and joining discussions. Come to my office hours. Ask Ying or TAs for help.
- ♦ **Final Exam:** Learn your selected language and C language well enough during the semester to feel comfortable talking about these languages. Start working on the exam early after it's assigned.

Help Outside of Class

♦ How to get help from Ying:

- Ying's Office Hours:

- M 2:00 - 3:30 pm, W 11:30 am - 1:00 pm, R 11:00 am - noon

- Email: yingli@colby.edu

- If you don't receive my response 24 hours after sending the email, please don't hesitate to "ping" me. *Your email is important to me.*

- TA Sessions

Date, Time	TA (email)
Sunday, 4:00 - 7:00 pm	Gent Maksutaj (gmaksu27@colby.edu) Shohruh Mirrakhimov (smirra29@colby.edu)
Sunday, 7:00 - 10:00 pm	Spencer Lee (sjlee27@colby.edu)
Monday, 4:00 - 7:00 pm	Aikins Acheampong (aaache27@colby.edu)
Monday, 7:00 - 10:00 pm	Lukas Gramss (lgram28@colby.edu)
Tuesday, 7:00 - 10:00 pm	David Solano (dasola27@colby.edu)
Wednesday, 7:00 - 10:00 pm	Alize Warraich (aswarr28@colby.edu)

All the information on these slides is available
on the course webpage:

Go to: cs.colby.edu; Click: CS333 link

You can find all the course information, lecture notes, assignments, and
more on the course webpage.