

CS 232 Computer Organization

Lecture & Lab Instructor: **Ying Li**

Davis 111

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Labs start from next week (Davis 122)

Lectures and Labs

- ◆ Lectures: What, Why, How in theory
- ◆ Labs: How in practice (Quartus + simulator/FPGA board)
- ◆ Both are important to understand the topics thoroughly.

Coursework & Evaluation

♦ Weekly Projects: 45%

- Assigned usually every Monday in the lab, and the usual deadline is the *following Monday midnight*.
- *Late submission* will receive a *maximum score of 26/30*.
- *One four-day extension* for you to use at your discretion over the semester (except the final project)
- Google Classroom for project submission. Details will be given in the first lab.
- The first project will be given next week during the lab.

♦ Weekly homework assignments: 10%

- Assigned usually every Wednesday, and the deadline is *Friday at the beginning of the class*.
- The first homework assignment will be given next Wednesday after the lecture, and the deadline is next 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 "**CS232 Fall2024 HW# — Your Name**" (e.g., CS232 Fall2024 HW1 -- Ying Li). If your subject format is correct, you will automatically receive the homework solution.

Coursework & Evaluation (cont.)

♦ Weekly quizzes: *20%*

- ~10-minute quiz
- *20 minutes* to complete the quiz, usually *before the end of every 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 next Friday's class.

♦ Final Exam: *15%*

- Two-hour exam during the final exam week, and you have three hours to finish it
- no make-ups

Coursework & Evaluation (cont.)

♦ Participation: *10%*

- You are expected to *attend every lecture and lab* and *actively join the class discussions*.
- If you have to miss one or more lectures or labs 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/lab exercises on time. *You will not lose participation credits if you let me know beforehand.*
- Lecture notes and homework assignments will be posted in the [Notes & Homework](#) section of the course webpage. Labs and projects will be posted on the [Projects](#) section.
- Feel free to *come to my office hours* or email me. I'm happy to help if you let me know your questions.
- Participation also includes *asking for help from the TAs and professor*.

How to Succeed

- ♦ **Projects:** Start working on the projects as early as possible. Attend the labs. Ask the 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 labs and office hours. Ask the professor or TAs for help.
- ♦ **Final Exam:** The final exam will be similar to a large set of quizzes, but is written from a more comprehensive view. To best study for the final exam, you can retake all of the old quizzes, read through your notes, and make sure you understand everything in them.

Help Outside of Class

◆ How to get help from Ying

- Ying's Office Hours:
 - WF 1:00 - 3:00 pm. You are welcome to walk in the CS232 lab sessions (MT 1:00 - 3:50 pm) for questions if I'm not teaching or speaking with students.
- 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	Jonathan Mears (jgmear25@colby.edu)
Sunday, 7:00 - 10:00 pm	Brooke Kulaga (bakula25@colby.edu) Benjamin Jaffe (bmjaff26@colby.edu)
Monday, 4:00 - 7:00 pm	Clio Zhu (rzhu24@colby.edu)
Monday, 7:00 - 10:00 pm	Delanyo Nutakor (dnutak26@colby.edu) Vivian Hu (vhu26@colby.edu) Zachary Berg (zaberg26@colby.edu)

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

Go to: cs.colby.edu; Click: CS232 link

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