CS 232 Computer Organization

Lecture Instructor: **Ying Li**
Davis 111
yingli@colby.edu

Lab Instructor: Stephanie Taylor
Davis 112
srtaylor@colby.edu
Labs start from next week (Davis 122)
Masking

- Required in class and my office through the entire semester
- Reducing the chance of spreading the virus and minimize illness-related “downtime"
- I have two more dozens of masks. If you need one later in the semester, please let me know.
Lectures and Labs

- Lectures: What, Why, How in theory
- Labs: How in practice (Quartus + control board)
- Both are important to understand the topics thoroughly.
Coursework & Evaluation

✦ Weekly Projects: 45%

- Assigned usually every Monday, 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).
- Submit your source code to filer.colby.edu and your write-up on Wiki.
- 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.
- 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 Fall2022 HW# — Your Name” (e.g., CS232 Fall2022 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.)

✧ 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, and you have three hours to finish it

• no make-ups
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.

- Lecture notes and homework assignments will be posted in the Notes & Homework section of this webpage.

- 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*. 
How to Succeed

✦ Projects: Start working on the projects as early as possible. Ask the TAs, Prof. Taylor, 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 office hours. Ask the instructors 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:
    › TR 2:00 - 4:00 pm (Davis 111) or by appointment (over Zoom)

  • 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

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<tr>
<th>Date, Time</th>
<th>TA (email)</th>
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<tbody>
<tr>
<td>Sunday, 4:00 - 7:00 pm</td>
<td>Nicole Matamoros (<a href="mailto:nimata23@colby.edu">nimata23@colby.edu</a>)</td>
</tr>
<tr>
<td>Sunday, 7:00 - 10:00 pm</td>
<td>Ben Raivel (<a href="mailto:biraiv23@colby.edu">biraiv23@colby.edu</a>) Samuel Munoz (<a href="mailto:smunoz23@colby.edu">smunoz23@colby.edu</a>)</td>
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<tr>
<td>Monday, 4:00 - 7:00 pm</td>
<td>Phuong Nguyen Ngoc (<a href="mailto:pqnguy23@colby.edu">pqnguy23@colby.edu</a>) Siyuan Peng (<a href="mailto:speng24@colby.edu">speng24@colby.edu</a>)</td>
</tr>
<tr>
<td>Monday, 7:00 - 10:00 pm</td>
<td>Henry Weisman (<a href="mailto:hpweis23@colby.edu">hpweis23@colby.edu</a>) Isabella Feng (<a href="mailto:yfeng23@colby.edu">yfeng23@colby.edu</a>) Izzy Hurley (<a href="mailto:imhurl23@colby.edu">imhurl23@colby.edu</a>) Luis Baez (<a href="mailto:lmbaez23@colby.edu">lmbaez23@colby.edu</a>) Nick English (<a href="mailto:naengl23@colby.edu">naengl23@colby.edu</a>) Zainab Karim (<a href="mailto:zkarim23@colby.edu">zkarim23@colby.edu</a>)</td>
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All the information on these slides is available on the course webpage:
Go to: cs.colby.edu; Click: CS232 lecture link

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