

CSE 331/503 Computer Organization: Online Project Exams

1. Problem Sessions (PS)

- **Announcement:** Problem sessions will be announced **at least three days** prior to their scheduled time.

- **Attendance:** Attendance is **optional**; however, it is strongly recommended to attend. While participation is not mandatory, you are likely to encounter **similar questions** from the problem sessions in both the midterm and final exams. Also the project exams will have similar content with the PS and assigned projects.

- **Session Format:** Problem sessions may be conducted either **online** or **onsite**, depending on the circumstances. The format will be clearly announced alongside the session details.

- **Turning into workshop:** By taking your laptops alongside, you may convert the PS session into a workshop and repeat the designs on your laptop. This way you will get better experience and become more ready for the project exams.

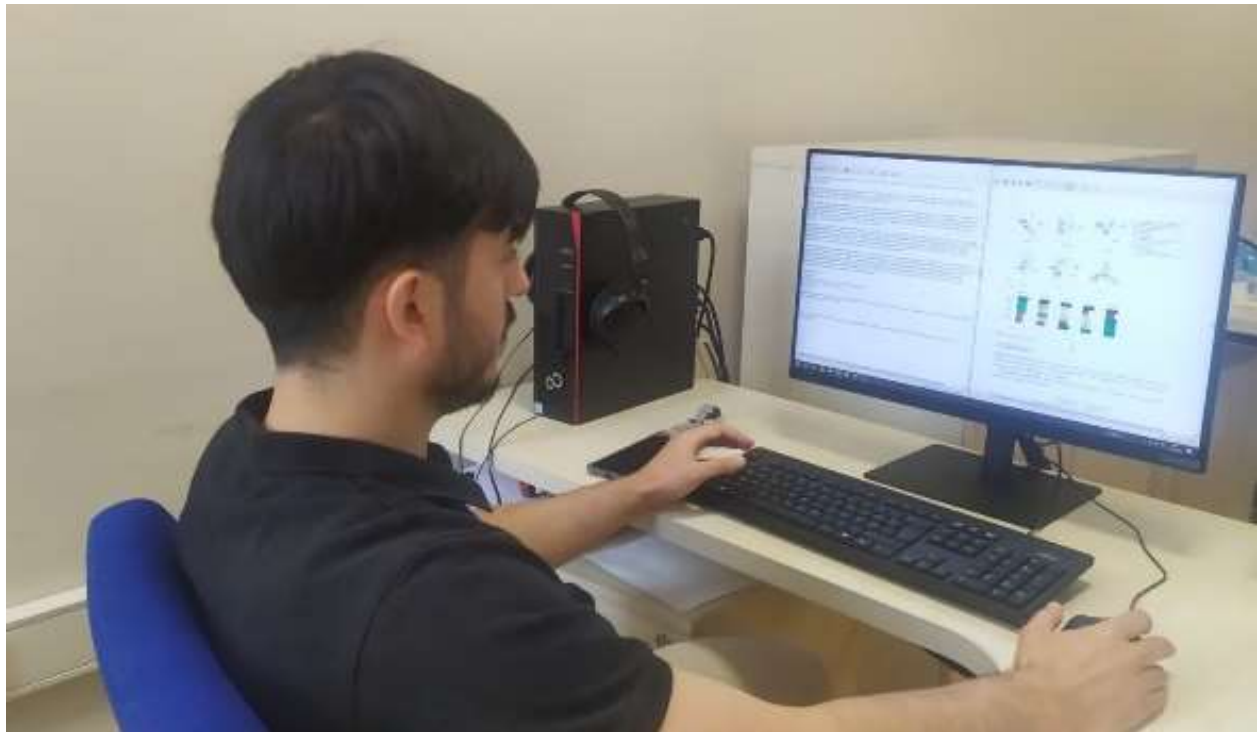
2. Online Project Exams

- **No Take-Home Projects:** This year, instead of take-home projects, project tasks will be completed during **online lab sessions**. Projects may still be given but the grading will be based on online project.

All Students have to satisfy the below requirements. Any one failing to do so, can be disqualified from the project exam by the TAs.

1. Join via smartphone: You must participate in the session using your smartphone with the **camera on**. TAs will be recording and watching the camera view throughout the session. When a TA warns you about the angle or view of the camera, you have to change the view according to the suggestion.

2. Camera Placement: Position your smartphone **behind you**, ensuring that both the **back of your head** and your **computer screen** are visible. This will be similar to the setup shown in the provided pictures. There can only be single monitor on your desktop.



3. The Software Environment: You are responsible for the setup and availability of Intel Quartus Lite 23.1 Edition and MARS simulator software whatever OS you use. MARS is located in your Teams folder and for Quartus, use the following link: <https://www.intel.com/content/www/us/en/software-kit/825278/intel-quartus-prime-lite-edition-design-software-version-23-1-1-for-windows.html>

4. Task: During the online lab session, you will be tasked with writing a hardware or assembly programming assignment within a **limited time** frame (e.g., 30 minutes).

5. Submission: You have to submit the desired source files recommended by the TA to the Teams directory in time. Otherwise, you do not get any points.

6. Minor Bug Objection: The assembly code that is not executable or the Verilog source files that cannot be simulated by the TA can get at most 30pts. But, if you think that there is only a very small bug that can be corrected in couple of seconds, you must prove that to your TA at the predefined objection date to get more points.

We encourage you to voice this “minor bug” objection, but do not submit issues unless you've thoroughly reviewed your code and ensured it's as accurate as possible. If your code is far from correct, you will only be wasting both your time and the assistants' efforts. You have to take responsibility for reviewing your work carefully and be ready to prove your “minor bug” before seeking objection. Remember the grading task is not as easy as it may seem at first glance 😊 :



7. Demo Session: Before the first project exam we will perform a demo session. All students **MUST** attend that session. Even in that session, disqualification is possible. So be ready for the session.

Since this is the first year we are implementing this system for students, there may be some disruptions. Consider this a forewarning and see this as an early excuse for any inconvenience that might arise.

As a junior student, I believe everyone understands that attempting to cheat or bypass this system will come with serious consequences. But, the most significant cost will be the wasted opportunity to truly benefit from the course.