

Technical Requirements and Instructions for Participants

Participation in the **IMPACT Olympiad 2025** is possible in both offline and online formats.

Offline participants will take the Olympiad at Astana IT University, located at Mangilik El Ave., C 1.2.

Online participants will use the OBS recording system, and the Olympiad will be conducted on the platform esep.cpfed.kz

Technical Requirements for Online Participants:

1. Prepare one personal computer (laptop or desktop computer) with a camera (minimum resolution of HD 720p), a microphone, and internet access.
2. Participants must record the process of completing tasks during the Olympiad using OBS Studio and provide the jury with access to the recording. In turn, the jury representatives check the participants' compliance with the rules of the Olympiad using video recordings. Those who violate the rules of the Olympiad will be disqualified.
3. If a participant does not have a webcam or microphone, they need to purchase, rent or borrow these devices from friends or acquaintances for the duration of the Olympiad. Participation without these devices is impossible. Approximately 5-6 GB of free disk space and the ability to upload files of this size to the internet will also be required.
4. **Download and install OBS Studio:** Link: <https://obsproject.com/>. Configure three data sources:
5. Input audio capture (your microphone).
6. Screen capture (your screen).
7. Video capture device (your webcam).
8. The camera should be positioned so that the participant's face is fully visible in the recording.
9. Video instructions on downloading, installing, and setting up OBS Studio are available at <https://drive.google.com/file/d/1kEuvRLcnJqwsdaQV3sHit8yeg39oqMvH/view?usp=sharing>
10. You can use the printer during the tour. You can also use another computer to view conditions and code (but not to run or write code). In this case, the second computer must also record everything happening on it, just like the main computer. It is forbidden to use mobile phones and tablets.
11. After the Olympiad round, upload the video to YouTube or Google Drive and send the link to impact2025@fizmat.kz. Deadline for submitting the recording: **January 14, 2025, by 23:59.**

1. Important Notes:

During the Olympiad, the microphone and video connection **must remain uninterrupted until the end of the Olympiad**. The use of headphones is prohibited.

2. **Technical Round will be held on January 13 at 19:00 (Astana time).**

All participants are required to participate in the technical round to verify technical readiness. Participants who do not check their technical readiness will not be allowed to participate in the Olympiad.

During the technical round, participants may ask the proctor any questions about resolving technical issues.

3. The Olympiad will be held on January 14 at 09:00 (Astana time).

Participants must prepare their workspace 30 minutes before the start of the Olympiad.

Prohibited Actions:

- Using any wired or wireless headsets (earphones);
- Using any communication devices, smartphones, smartwatches, or any other gadgets capable of providing information in text, graphic, or audio formats from internal storage or the internet;
- Using electronic or paper reference materials, textbooks, calculators, or other prepared notes.
- Using any materials not included in the task set.
- Discussing tasks with other Olympiad participants.
- Leaving the workspace.

If jury members identify any of the following violations, they have the right to annul the participant's results:

- The exam was written by someone other than the registered participant;
- The camera is not positioned as required;
- Complete loss of audio and video connection with the participant;
- Failure to submit a full screen recording made during the Olympiad.
- The participant used additional technical devices other than the one they are using to write the exam;
- The participant opened additional applications or windows on the exam device;
- Leaving the workspace during the exam.
- The participant left the workspace during the exam;
- There are other people present in the room where the participant is taking the exam;
- The participant spoke to someone, or voices of other people were audible during the exam

Participants may leave their workspace only after completing the round.

In order to objectively evaluate the participant's work, audio and video recordings will be made throughout the tour. The Olympiad jury has the right to examine the audio and video recordings of the rounds in order to verify the participant's compliance with the rules of the Olympiad. If

violations of the rules are detected, interviews may be scheduled to verify the work, or punitive measures may be applied, including disqualification of participants.

Platform Usage Instructions: esep.cpfed.kz: [Инструкция esep.MOV](#)

Best of luck!

Organizing Committee