

Technical Requirements and Instructions for Participants

Participation in the **IMPACT Olympiad 2025** is possible in both offline and online formats. Offline participants (mathematics, physics and computer science) will take the Olympiad on the basis of Astana IT University at 55/11 Mangilik El Avenue, EXPO Business Center, Block C1, Astana. For online participants, proctoring and video surveillance systems will be used, and the Olympiad will be conducted on the **Google Meet** platform.

Technical Requirements for Online Participants:

1. Prepare 2 devices with cameras (minimum resolution: HD 720p) and internet access.
2. Install the CAMSCANNER application (or another scanning app) on a computer or smartphone.

1. Important Information:

- During the Olympiad, the participant's microphone and video connection **must remain uninterrupted until the end of the Olympiad**. The use of headphones is strictly prohibited.
- Links to the technical and main rounds on the Google Meet platform will be sent to participants' emails 1 hour before the Olympiad begins.

2. The technical tour will take place on January 13, at 19:00 (Astana time).

Participation in the technical round is mandatory for all online participants and Computer Science participants to verify their technical readiness. Participants who do not complete the technical readiness check 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 9:00 a.m Astana time. Participants must prepare their workspace 30 minutes before the Olympiad begins.

- Mathematics: 4 hours
- Physics: 4 hours
- Computer Science (Teachers): 4 hours
- Computer Science (Trainers): 5 hours

Workspace Preparation:

- 3.1. The participant's desk must be clear of any additional items.
- 3.2. Only A4 sheets and a pen are allowed on the desk.
- 3.3. Prepare 2 devices for the Google Meet video conference (smartphones can be used).
- 3.4. ***Camera #1 should be placed on the participant's left side, above their head. Camera #2 should be directly in front of the participant.***
- 3.5. Join the Google Meet session using the link provided by the organizers.
- 3.6. Ensure the cameras are set up correctly. ***Camera #1 must capture the entire desk, chair,***

laptop/PC, and the participant. Camera #2 must capture the participant's face and workspace.

3.7. The Olympiad tasks will be sent to participants' email addresses at 9:00, once proper camera setup is confirmed.

3.8. Solutions must be handwritten on A4 paper.

After completing the tasks or round, participants must show their work (paper sheets) to the proctor, announce the number of pages in their solution, scan them into a PDF file, and name the file with their participant code and the number of pages.

Example File Name:

MT64-5

- **MT64:** Participant code
- **5:** Number of solution pages

3.9. Scanned solutions must be submitted 5 minutes before the end of the Olympiad in **PDF format**, with the **participant's code** in the top-right corner of each sheet (no names or surnames).

3.10. Each minute of delay in submitting the solutions will result in **1 point deduction**.

3.11. Ensure all pages of the solutions are scanned, combined into one PDF document, saved, and sent to the respective email addresses:

- **Mathematics:** impactmath2025@fizmat.kz
- **Physics:** impactphys2025@fizmat.kz
- **Mathematics Trainers:** impacttren2025@fizmat.kz
- **Physics Trainers:** impacttren2025@fizmat.kz

Prohibited Actions During the Olympiad:

- 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 any electronic or paper reference materials, textbooks, calculators, notes, or other prepared notes;
- Using any materials not included in the task set;
- Discussing tasks with other Olympiad participants;
- Leaving the workspace.

If proctors 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;
- 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;
- 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 the workspace only with the proctor's permission.

In order to objectively evaluate the participant's work, audio and video recordings are kept throughout the tour, which are stored until the end of the Olympiad. 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, punitive measures may be applied to the participant, up to disqualification of the results.

Best of luck!

The Organizing Committee