



CUBESAT

CATEGORY

SELECTION STAGE RULES

BAKU 2025

SAF2025 - CubeSat

Selection stage.

- 1.1. Each team must complete the requirements in the " **Presentation** " file provided. Each team must use medical gloves during the presentation.
- 1.2. Submissions sent in any other form will not be accepted for participation in the selection phase .
- 1.3. The dimensions of the CubeSat developed by the team should be noted and conventionally shown with a ruler.
- 1.4. The allowed dimensions must be 10x10x10cm. The material to be used must be 3D printed or wooden elements. In addition, it must be designed in such a way that the interior of the CubeSat is visible.
- 1.5. The list of circuit elements that must be used to build a CubeSat is given in the final rules of the category.



(simple example)

- 1.6. Each team must prepare and submit a Satellite sample.
- 1.7. The satellite model should consist of 3 parts:
- 1.8. **Body** - the body part should be gold or aluminum in color. The body part should have a place to place the CubeSat.
- 1.9. **Wings** – The solar panels should be visible. Both real and photo panels can be used here.
- 1.10. **Antenna** - Each model must have at least 1 and a maximum of 3 antenna models.

- 1.11.** The permissible dimensions of the satellite model should be 80-110 cm in length, 40-60 cm in height, and 40-60 cm in width. The material to be used should be freely chosen. It should be shown that the model is to be hung or to be on 1 central point support. There should be a place for the CubeSat to be inserted inside the prepared satellite model, and this process should be shown with a photo.



(simple example)

- 1.12.** Data transmission - Each team must send at least 1 sensor data wirelessly and submit a photo-video file of this process.
- 1.13.** Each team's CubeSat must have at least 1 solar panel and a clear picture showing it in operation .
- 1.14.** The prepared video material must be 60-90sec and in 1080p quality and in link form.
- 1.15.** In the introduction to the video, the participants should start by stating his/her "**first name, last name, and team name,**" then "**I am presenting for the SAF2025 CubeSat category,** " and all thoughts about the project should be reflected.
- 1.16.** It is prohibited to add additional songs and effects to the video material.