

Rules of the national competition Masters of Technics

Safety at work: The use of protective equipment (safety glasses and safe machine tools) is mandatory for all students.

Consumables: The organizing team of Masters of Technology will provide consumables and spare parts needed for the competition.

Machine tool: Individual teams bring their own safe machine tools. Technical creations will be sawn from plywood and then sanded by hand.

Consultations with mentors: Competitors have 5 minutes to consult with a mentor after receiving the technical documentation. During work, teams are not allowed to communicate with the mentor, except during breaks.

Competition schedule:

- 9:00 - 9:15: Welcome and rules
- 9:15 – 9:20: Consultation with mentors
- 9:20 – 10:20: Work on the model in teams
- 10:20 - 10:30: Break
- 10:30 – 10:35: Consultation with mentors
- 10:35 – 11:35: Work on the model in teams
- 11:35 – 11:55: Evaluation of the model by the committee
- 11:55 - 12:20: Closing ceremony and evaluation of the best teams

Evaluation committee

Composition of committee: Evaluation committee are composed of three to five members. The composition is determined by the organizing team of Masters of Technics. He will propose one coordinator (chairman of the evaluation committee) and two to four members of the evaluation committee.

Evaluation criteria: Technical creations will be evaluated according to the following criteria:

- Workplace organization: 5 points
- Skill in the use of tools and protection at work: 10 points
- Precision of filing and sanding parts: 10 points
- Accuracy and orderliness of connecting parts: 10 points
- Functionality of the technical creation: 10 points
- Innovation and design of a technical creation: 5 points
- Total number of points: 50

Evaluation: The evaluation committee will place special emphasis on the completeness and functionality of the technical creation. In the case of the same total number of points, the team with a higher number of points in functionality and precision of the connections of the technical creation will be favored.

Selection of teams for the national competition

National competition: 10 teams (20 pupils) who were involved in the Erasmus + Masters of Technics project will participate in the national competition