

**KLAIPEDA STATE UNIVERSITY OF APPLIED SCIENCES
INTERNATIONAL COMPETITION “YOUNG CONSTRUCTION ENGINEER 2021”
REGULATIONS**

**CHAPTER I
GENERAL PROVISIONS**

1. The Regulations of the Klaipeda State University of Applied Sciences (hereinafter - the University) international competition “Young Construction Engineer 2021” (hereinafter the competition) define the purpose of the competition, participants, and the organization procedure.
2. Organizer of the competition: Department of Environmental and Civil Engineering, Faculty of Technology, Klaipeda State University of Applied Sciences (hereinafter referred to as the Executor). Executor's details: Bijunu str. 10, Klaipeda; tel.: +370 655 46545, email: d.jankauskiene@kvk.lt).
3. The aim of the competition - to popularize the profession of construction engineer and to develop students' creativity.
 - 3.1. Objectives of the competition:
 - 3.1.1. to motivate students' interest in the professional activity of a construction engineer;
 - 3.1.2. to develop students' teamwork skills;
 - 3.1.3. to create conditions for students to demonstrate the acquired theoretical knowledge, which they will be able to apply in practice;
 - 3.1.4. to promote communication and cooperation between students and teachers between different educational institutions.

**CHAPTER II
PROCEDURE FOR PARTICIPATION IN THE COMPETITION**

4. Participants of the competition: students of higher education institutions studying in the study programs of the field of construction engineering.
5. Students can participate in the competition in teams of 2-3 people. It is recommended that the team consist of students from different courses (years). The number of teams from one institution is not limited, i.e., several teams from the same higher education institution can participate in the competition.
6. The competition will take place in 22nd of April 2021, from 10.00 a. m. till 3 p. m. remotely via the Microsoft Teams platform. The contest will be recorded, participants are asked to be on the cameras.
7. Registration of participants by April 15 (via Microsoft Forms, link attached to the call) by submitting data in accordance with Annex 1. The Executor undertakes not to disclose the contact details of the participants.

CHAPTER III COMPETITION WORK DISTRIBUTION

8. The competition consists of four parts: introduction, theoretical knowledge tournament, performance of practical tasks, exhibition of works.
 - 8.1. Participants *introduce* a pre-prepared short presentation of your team and training institution. The following keywords must be used in the presentation: *project, construction, helmet, BIM, energy*. Delivery time up to 10 min.
 - 8.2. *Theoretical Knowledge Tournament* (questions - answers). Areas: construction work technologies, building constructions, building materials, BIM modelling, occupational safety and health, architecture, civil law.
 - 8.3. *Practical tasks*. Areas: building constructions and their calculations, construction technology, building materials, occupational safety and health. Practical tasks are submitted and performed during the competition. Up to 2 academic hours are allocated for the tasks, but the time of each team's tasks is also estimated.
 - 8.4. *Exhibition of various projects and other works performed by students*. Each team submits 1-2 student projects (drawings, works) from the subjects of architecture and construction, structural calculation, construction technology and construction organization performed by the participants. This can be a presentation of the completed project with individual drawings, footage, otherwise information showing the engineering engineer's technique, creativity, application of innovative solutions (*pdf, mp4 or other format, with the team name, sent by April 15 to v.vaicekauskiene @ kvk.lt*).
9. During the competition, all four lots will be evaluated by an evaluation committee. The jury consists of one member from each educational institution whose students participate in the competition.

CHAPTER IV EVALUATION CRITERIA

10. In assessing the results of the teams, the Commission shall take into account the following evaluation criteria:

Evaluation criteria	Possible assessment
Introduction:	
Team presentation	0 - 3
Presentation of the educational institution	0 - 3
Keywords: <i>project, construction, helmet, BIM, energy</i> - use in delivery	0 - 4
Theoretical Knowledge Tournament	0 - 10
Assessment of practical tasks:	
Working in a group with practical tasks	0 - 3
Accurate performance of practical tasks	0 - 5
Speed of practical task	0 - 2

Evaluation of works in the exhibition	
Submission of works	0 - 6
Use of innovative solutions and technologies	0 - 4
Maximum possible score:	40

CHAPTER V TEAM EVALUATION

11. The members of the Commission evaluate the teams individually, filling in the established evaluation form for each of them (Annex 2).
12. Each evaluation criterion is assessed from "fully compliant" (maximum score for that criterion) to "non-compliant" (0 points).
13. The final evaluation is made by summing up the sum of points awarded by all members of the commission.
14. The order of the winners of the competition is formed according to the amount of points collected.

CHAPTER VI AWARD OF THE WINNERS OF THE COMPETITION

15. Depending on the ranking of the winners of the competition, the winners of I-III places will be awarded diplomas and prizes.
16. The winners of the competition selected by the decision of the evaluation commission will be announced and awarded at the end of the event.

CHAPTER VII FINAL PROVISIONS

17. Decisions of the Commission are not subject to appeal and therefore no appeal is admissible.
18. In case of questions, the participants shall be consulted by telephone +370 698 36588, by email v.vaicekauskiene@kvk.lt. Contact person - Vilma Vaičekauskienė, a lecturer at the Department of Environmental and Civil Engineering.

Registration form for the participant of the international competition "Young Construction Engineer 2021"

Team name	
Name of educational institution	
Names and surnames of team members, courses (year)	
Name of the team leader	
Contact details of the team leader (phone, e-mail)	

Registration takes place:

https://forms.office.com/Pages/ResponsePage.aspx?id=bsQMk4vELkuL0x_UibGFHOcTzFUWaY9CnzJtQb6EhlRUQTZBNE9QN0xNVEVTWEROQIJOVIO3RFk4WC4u

Registration of participants is carried out until 2021 April 15.

Team name _____

Evaluation criteria	Possible assessment	Suggested score
Introduction:		
Team presentation	0 - 3	
Presentation of the educational institution	0 - 3	
Keywords: <i>project, construction, helmet, BIM, energy</i> - use in delivery	0 - 4	
Theoretical Knowledge Tournament	0 - 10	
Assessment of practical tasks:		
Working in a group with practical tasks	0 - 3	
Accurate performance of practical tasks	0 - 5	
Speed of practical task	0 - 2	
Evaluation of works in the exhibition		
Submission of works	0 - 6	
Use of innovative solutions and technologies	0 - 4	
	Altogether:	

Note:

The assessment is possible from "fully compliant" - (maximum score for that criterion) to "not compliant" (0 points).

Commissioner _____

Name surname