

PROMOTION, VIRUMAA COLLEGE VIDEO, TOPIC, ACCOMMODATION, TRAVEL



The place, duration, participants of the project

TalTech Virumaa College,

Järveküla tee 75, 30322,
Kohtla-Järve Ida-Virumaa

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E-post: vk@taltech.ee

Video: [Link](#)

Short-term mobility will be organized for two weeks:

Physical mobility: May 5-9, 2025,

arrival date is May 4, departure date May 9, 2025

Virtual mobility: May 12-16, 2025

The topic of the BIP is as follows:

Analysis of Wind Turbine Blade Geometry and Aerodynamics for Optimizing Energy Efficiency.

Task:

Students will use computer drawing programs (AutoCAD or SolidWorks) to model wind turbine blades. Then the aerodynamics of the blades will be calculated (knowledge of physics is required). At the next stage, students will calculate energy efficiency (knowledge of energy formulas is required). College faculty supervise students.

It is assumed that specialists from the relevant company will also be involved in the project.

Students majoring in Mechanical Engineering, Electromechanics, Power Engineering, and Energy Technology are suitable.

Final outcomes:

- After defending the project, each student will receive a certificate from Tallinn University of Technology with 3 credits.
- Teamwork experience in international environment.
- New knowledge in professional field and its practical application.
- New contacts, cultural and linguistic variety.

Accommodation without breakfast:

is paid by the participants (both students and teachers) themselves up to 17 €/per person/per night.

Virumaa hostel <https://www.virumaahostel.com/en/>

Virumaa hostel reception work schedule:

The reception at Virumaa Hostel is open from Monday to Sunday from 8:00am to 8:00pm. If you arrive after 8:00pm, please call 1660 or 613 9206 (or press the information button on the wall next to the front door from the outside), give your name and wait for the security guard (Forus company), who will let you in and hand over the keys.

Meals:

lunches and coffee breaks are provided by Virumaa College of TalTech.

Travel costs:

are paid by the foreign students themselves at the expense of the Erasmus+ scholarship provided by their home University (70 euro/per day for physical mobility).

Green tickets:

trip by car, train or bus tickets are compensated with home university financial support.

Accompanying teachers:

Their visit is carried out within the framework of the usual Erasmus+teaching or training mobility.

TRAVEL

Tallinn Airport destinations <https://airport.ee/en/destinations/>

Lux Express company operates in 6 countries <https://luxexpress.eu/en/>

Tallinn coach station <http://www.bussijaam.ee/en/tickets/>

We recommend choosing routes from Tallinn to Narva with a stop in Kohtla-Järve <https://www.tpilet.ee/en/timetable/search?departureStop=tallinn&destinationStop=23353>

Bus stop named Virumaa College is over the road to the main building. Virumaa hostel is located 100 meters from the main building.

NB! The BIP program will be sent to the participants as soon as it is compiled.
The program can be changed and updated.