

# Rules of subject Integrated Laboratory 2 (aerodynamics)

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Valid in room number (lab.) 101 (ITLiMS, PW) in the academic year 2024/2025.

## 1 Contents - short:

Familiarizing students with basic knowledge of the physics of fluids and basic measurement techniques.

## 2 Course results:

After completing this course, the students will be able to measure and specify flow conditions, pressure gradients, and aerodynamic forces.

## 3 Grading criteria:

The presence is strictly obligatory. Any absence needs to be justified as soon as possible, and exercise realized with another group.

Evaluation method: 40% continuous assessment based on laboratory work, 60% short tests at each meeting.

## 4 Bibliography

- Kundu P.K., Cohen I.M.: Fluid Mechanics. Elsevier Academic Press, 3rd Ed. (2004)
- Frank M. White: Fluid Mechanics, 4th Ed. (1999)
- Instructions shared on the website of the Department of Aerodynamics.