

DESCRIPTION OF THE COURSE FOR EXCHANGE STUDENTS

Name of the course in	English	Physical laboratory I
	Polish	<i>I pracownia fizyczna</i>

1. LOCATION OF THE COURSE within the system of studies

1.1 Field of study	Technical Physics
1.2 Level of study	First-degree of engineering studies

2. GENERAL CHARACTERISTICS OF THE course

2.1 Language of instruction	English
2.2 Semesters in which the course is offered	2nd semester
2.3 ECTS credits	4

3. DETAILED CHARACTERISTICS OF THE COURSE

3.1. Form of classes	Laboratory
3.2. Form of assessment	Credit with grade

4. OBJECTIVES, SYLLABUS CONTENT

4.1. Course objectives
C1. The knowledge of the physical laws describing given physical phenomena
C2. Preparation for experimental work
C3. Preparation for writing test reports, assessing measurement errors, discussing test results
4.2. Detailed syllabus
As part of the 1st Laboratory, students perform exercises during the semester in various departments of physics (mechanics, heat, electricity, magnetism, optics). Students are bound by the material set out in the questions for each exercise, which are included in the general studies of individual exercises. The subject of exercises and the sequence of their execution are included in the program of the 1st Laboratory.