DESCRIPTION OF THE COURSE OF STUDY
FOR EXCHANGE STUDENTS

Name of the course in	English	**Fundamentals of Physics Laboratory**
	Polish	**Pracownia podstaw fizyki**

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1 Field of study	**Technical physics**
1.2 Level of study	**engineering studies**

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1 Language of instruction	**Polish**
2.2 Semesters in which the course of study is offered	**1**
2.3 ECTS credits	**2**

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

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

4. OBJECTIVES, SYLLABUS CONTENT

4.1. Course objectives

C1. Student learns how to prepare, execute, and interpret the results of laboratory experiments.
C2. Understanding and explaining basic physical phenomena and consolidation of knowledge in the field of basic physics.
C3. Student knows how to analyse the laboratory results, and learns how to write laboratory reports.

4.2. Detailed syllabus

1. The teacher will introduce selected theories on basic physical laws and phenomena, as well as conduct their practical demonstrations. The course material covers basics of kinematics, dynamics, thermodynamics, structure of matter, electricity, magnetism, and electromagnetic waves.