

Title <b>Physics Laboratory I</b>	Code <b>1010701121010400065</b>
Field <b>Chemical and Process Engineering</b>	Year / Semester <b>1 / 2</b>
Specialty -	Course <b>core</b>
Hours Lectures: - Classes: - Laboratory: <b>3</b> Projects / seminars: -	Number of credits <b>5</b>
	Language <b>polish</b>

**Lecturer:**

All academic staff members and Ph.D. students  
(The Head of the Physics Laboratory I ? Dr. Krzysztof Łapsa, Faculty of Technical Physics, ul. Nieszawska 13A, 60-965 Poznań, tel. (061) 665-31-68,  
e-mail: krzysztof.lapsa@put.poznan.pl)

**Faculty:**

Faculty of Chemical Technology  
ul. Piotrowo 3  
60-965 Poznań  
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**Status of the course in the study program:**

Core course of the study for Chemical and Processing Engineering , Faculty of Chemical Technology.

**Assumptions and objectives of the course:**

The student will have an opportunity to check experimentally the basic physics laws, also to learn, in a practical way, the measuring apparatus and techniques, as well as to get the knowledge on measurement accuracy and an estimation of the complex entity error.

**Contents of the course (course description):**

Laboratory exercises being in line with the basic physics course curriculum for Technical Physics students. Twenty four (24) different exercises are divided into 3 parts: mechanics, electricity and optics.

**Introductory courses and the required pre-knowledge:**

Basic knowledge of physics

**Courses form and teaching methods:**

Individual work with students. Laboratory exercises are completed by students in two persons groups.

**Form and terms of complete the course - requirements and assessment methods:**

Oral and written test examination, evaluation of the experimental skills and written report. The semester grade is average note of all exercises. Realisation of the all exercises is obligatory with minimum of 85% positive notes.

**Basic Bibliography:**

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**Additional Bibliography:**

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