

**DESCRIPTION OF THE COURSE OF STUDY
FOR EXCHANGE STUDENTS**

Name of the course in	English	Fundamentals of Electronics Laboratory
	Polish	Podstawy elektroniki - laboratorium

1. LOCATION OF THE COURSE OF STUDY within the system of studies

1.1 Field of study	Technical Physics
1.2 Level of study	1st degree

2. GENERAL CHARACTERISTICS OF THE course of study

2.1 Language of instruction	English	
2.2 Semesters in which the course of study is offered	summer semester	winter semester
2.3 ECTS credits	3	4

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	laboratory
3.2. Form of assessment	colloquium, lab report, homework

4. OBJECTIVES, SYLLABUS CONTENT

<p>4.1. Course objectives</p> <p><i>C1.</i> To understand basic laws, principles and phenomena in the area of electrical engineering <i>C2.</i> To design and conduct experiments, as well as to analyse and interpret data</p>
<p>4.2. Detailed syllabus</p> <p><i>1.</i> Fundamentals of DC Circuits <i>2.</i> Diodes <i>3.</i> Fundamentals of AC Circuits <i>4.</i> Filters <i>5.</i> Resonant Circuits <i>6.</i> Transistor Amplifiers</p>