

Title Engineering Diploma (Pracownia dyplomowa inż.)	Code 1010401271010430723
Field TECHNICAL PHYSICS	Year / Semester 4 / 7
Specjalty -	Course core
Hours Lectures: - Classes: - Laboratory: 1 Projects / seminars: -	Number of credits 15
	Language polish

Lecturer:

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Status of the course in the study program:

Core course of the study for Technical Physics, Faculty of Technical Physics.

Assumptions and objectives of the course:

Students should obtain in the subject of his diploma thesis; understand the physical phenomena on the molecular and atomic level and know possible application

Contents of the course (course description):

The main goal of the diploma laboratory is to obtain a significant results and wide experience in characterization of new materials and there application in laboratory models of new devices; design and construction of a new accessory to laboratory apparatus for extension its functionality and measurement possibility. Moreover, students will get familiar with various experimental techniques focused on solid state spectroscopy, being used in characterization of the physical properties of these materials and structures

Introductory courses and the required pre-knowledge:

Knowledge of experimental physics from the all university course of physics and engineering

Courses form and teaching methods:

Laboratory work under diploma thesis supervisor

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

Defence of the diploma thesis and final oral examination

Basic Bibliography:

1. Handbooks and scientific papers related to the subject of the diploma thesis

Additional Bibliography:

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