Title	Code
Specjalist Laboratory (Laboratorium specjalistyczne)	**1010402221010410671**
Field: **TECHNICAL PHYSICS**	Year / Semester: **1 / 2**
Specialty: **-**	Course: **core**
Hours: Lectures: **-** Classes: **-** Laboratory: **7** Projects / seminars: **-**	Number of credits: **7**
	Language: **polish**

Lecturer:

Nauczyciele akademiccy WFT.
Opiekun? prof. dr hab. Czajka Ryszard, Wydział Fizyki Technicznej,
ul. Nieszawska 13A, 60-965 Poznań, tel: (061) 665-3234,
e-mail:Ryszard.czajka@put.poznan.pl

Faculty:

Faculty of Technical Physics
ul. Nieszawska 13A
60-965 Poznań
tel. (061) 665-3160, fax. (061) 665-3201
e-mail: office_dtpf@put.poznan.pl

Status of the course in the study program:

Przedmiot obowiązkowy na kierunku Fizyka Techniczna Wydziału Fizyki Technicznej.

Assumptions and objectives of the course:

Students should be acquainted with the basic methods and measurement techniques used in supervisor?s laboratory during M.Sci. course. Students should perform some preliminary measurements enabling preparation the schedule of investigation to accomplish the M.Sci. Thesis.

Contents of the course (course description):

laboratory exercises conducted under diploma work supervisor and/or direct carer at supervisor?s scientific laboratory. These exercises are devoted to introduction of diploma student to scientific investigations methodology, to master the theoretical basis and experimental methods used in investigations carried out within the subject of M.Sci thesis. Specialty Laboratory is finished with a written report. The report is evaluated by diploma thesis supervisor. The final mark is decided by head of the specialty major.

Introductory courses and the required pre-knowledge:

Basic knowledge in general physics, in basis of nanotechnology, technology of the functional materials preparation and/Or quantum engineering and metrology.

Courses form and teaching methods:

Preliminary investigations done personally by diploma student under individual care of supervisor or direct carerer.

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

Evaluation of oral tests regarding the diploma thesis subject, evaluation of laboratory skills and the written report.

Basic Bibliography:

1. Printed series of course lecture ?Solid State Spectroscopy?, editor: Mirosław Drozdowski, PUT Publishing House.
2. Scientific bibliography reccomende by supervisor.

Additional Bibliography:

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