

Physics Laboratory 4 Course Description

Faculty: Faculty of Natural Sciences

Study program: Physics

Course Title: Physics Laboratory 4

Course Credits: 3 (ECTS)

Language of Instruction: Albanian

Course Description: The subject "Physics Laboratory 4" is a module of the discipline "Measurement in Physics II" that is part of the group of disciplines of the characteristic formation of the program. The subject treated in the course material corresponds to the theoretical material of the discipline "General Physics 4", developed during the same academic year. The content of the material belongs to the "Geometric Optics", "Photonic Optics", "Construction of Matter" and "Nuclear Physics" sections of "General Physics".

Course Goals: Interference. Diffraction Optical system. Optical power. Break indicator. Brightness. Polarization Thermal radiation Photoresistance

Course Requirements: The assessments which contribute to course score are listed below:

- Participation: 10 points
- Activation: 10 points
- Laboratory Assignment 1: 40 points
- Laboratory Assignment 2: 40 points

Grading: The above activities constitute a quantity of 100 points which are converted into the respective grades:

- 0-44 points -> grade 4;
- 45-54 points -> grade 5;
- 55-64 points -> grade 6;
- 65-74 points -> grade 7;
- 75-84 points -> grade 8;
- 85-94 points -> grade 9;
- 95-100 points -> grade 10

Course Schedule: The course extends over 15 weeks in the second semester of the second year of study. The student will have the opportunity to attend 3 hours of laboratory per week.

Attendance:

- 100% lab attendance is mandatory