

Physics 2 Course Description

Faculty: Faculty of Natural Sciences

Study program: Physics

Course Title: Physics 2

Course Credits: 11 (ECTS)

Language of Instruction: Albanian

Course Description: The subject "General Physics 2" is one of the disciplines of the characteristic formation of the program. The purpose of this course is to deepen the knowledge gained up to this study cycle in the field of PHYSICS, one of the fundamental sciences of nature. In this discipline, knowledge of mechanical oscillations and waves is given, followed by general knowledge from classical thermodynamics

Course Goals: Knowledge of thermodynamics deals with its basic concepts, as well as knowledge of the kinetic theory of ideal gas, principles of thermodynamics, thermal properties of bodies and phase transformations of matter.

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

- Participation: 5 points
- Activation: 5 points
- Assignment 1: 10 points
- Assignment 2: 10 points
- Final Exam: 70 points

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

0-44 points	->grade4;
45-54points	->grade 5;
55-64points	->grade 6;
65-74points	->grade 7;
75-84 points	->grade 8;
85-94points	->grade 9;
95-100 points	->grade 10

Course Schedule: The course extends over 15 weeks in the second semester of the first year of study. The student will have the opportunity to attend 2 hours of lectures and 3 hour of seminar and 3 hours of laboratory per week.

Attendance:

- Lectures are optional
- Seminars should be attended to 75% (when the student participates less than 75% does not have the right to attend the exam but passes in the next season)
- 100% lab attendance is mandatory