

COURSE OUTLINE

1. GENERAL

SCHOOL			
DEPARTMENT	DEPARTMENT OF PHYSICS		
LEVEL OF STUDIES	ISCED level 6 – Bachelor's or equivalent level		
COURSE CODE	Y203-2023	SEMESTER	2nd Semester
COURSE TITLE	General Physics Laboratory		
TEACHING ACTIVITIES	<p>If the ECTS Credits are distributed in distinct parts of the course e.g. lectures, labs etc. If the ECTS Credits are awarded to the whole course, then please indicate the teaching hours per week and the corresponding ECTS Credits.</p>		TEACHING HOURS PER WEEK
		4	ECTS CREDITS
COURSE TYPE	Scientific Area		
Background, General Knowledge, Scientific Area, Skill Development			
PREREQUISITES			
TEACHING & EXAMINATION LANGUAGE:	Greek		
COURSE OFFERED TO ERASMUS STUDENTS:	NO		
COURSE URL:	https://eclass.emt.duth.gr/courses/PHYSICS190/		

2. LEARNING OUTCOMES

Learning Outcomes

Please describe the learning outcomes of the course: Knowledge, skills and abilities acquired after the successful completion of the course.

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General Skills

Name the desirable general skills upon successful completion of the module

Search, analysis and synthesis of data and information,
ICT Use, Adaptation to new situations,
Decision making,
Autonomous work,
Teamwork,
Working in an international environment,
Working in an interdisciplinary environment, Production of new research ideas

Project design and management
Equity and Inclusion
Respect for the natural environment
Sustainability
Demonstration of social, professional and moral responsibility and sensitivity to gender issues
Critical thinking
Promoting free, creative and inductive reasoning

Search, analysis and synthesis of data and information, ICT Use
Teamwork

3. COURSE CONTENT

4. LEARNING & TEACHING METHODS - EVALUATION

TEACHING METHOD Face to face, Distance learning, etc.	Face to face						
USE OF INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT) Use of ICT in Teaching, in Laboratory Education, in Communication with students	Use of ICT in Teaching						
TEACHING ORGANIZATION The ways and methods of teaching are described in detail. Lectures, Seminars, Laboratory Exercise, Field Exercise, Bibliographic research & analysis, Tutoring, Internship (Placement), Clinical Exercise, Art Workshop, Interactive learning, Study visits, Study / creation, project, creation, project. Etc. The supervised and unsupervised workload per activity is indicated here, so that total workload per semester complies to ECTS standards	<table border="1"> <thead> <tr> <th>Activity</th><th>Workload/semester</th></tr> </thead> <tbody> <tr> <td>Laboratory Exercise</td><td>125</td></tr> <tr> <td>Total</td><td>125</td></tr> </tbody> </table>	Activity	Workload/semester	Laboratory Exercise	125	Total	125
Activity	Workload/semester						
Laboratory Exercise	125						
Total	125						
STUDENT EVALUATION Description of the evaluation process Assessment Language, Assessment Methods, Formative or Concluding, Multiple Choice Test, Short Answer Questions, Essay Development Questions, Problem Solving, Written Assignment, Essay / Report, Oral Exam, Presentation in audience, Laboratory Report, Clinical examination of a patient, Artistic interpretation, Other/Others	<p>Student evaluation languages Greek</p> <p>Method (Formative or Concluding) Formative</p> <p>Student evaluation methods Oral Exams</p> <p>Rate 100</p>						

Please indicate all relevant information about the course assessment and how students are informed

5. Suggested Bibliography

Βιβλίο [22908694]: ΕΡΓΑΣΤΗΡΙΑΚΕΣ ΑΣΚΗΣΕΙΣ ΓΕΝΙΚΗΣ ΦΥΣΙΚΗΣ, ΜΕΛΗ ΔΕΠ ΤΟΥ ΤΟΜΕΑ ΦΥΣΙΚΗΣ ΣΤΕΡΑΙΑΣ ΚΑΤΑΣΤΑΣΗΣ ΤΟΥ ΤΜΗΜΑΤΟΣ ΦΥΣΙΚΗΣ ΑΠΘ Λεπτομέρειες

Βιβλίο [49167]: Εργαστηριακές Ασκήσεις Φυσικής, ΤΟΜΟΣ Ι, ΣΥΛΛΟΓΙΚΟ Λεπτομέρειες

Βιβλίο [94644740]: ΕΙΣΑΓΩΓΗ ΣΤΗΝ ΑΝΑΛΥΣΗ ΠΕΙΡΑΜΑΤΙΚΩΝ ΜΕΤΡΗΣΕΩΝ: ΑΠΛΑ ΠΕΙΡΑΜΑΤΑ ΦΥΣΙΚΗΣ, ΜΑΤΘΑΙΟΣ Κ. ΚΑΜΑΡΑΤΟΣ Λεπτομέρειες

Eudoxus

Βιβλίο [22908694]: ΕΡΓΑΣΤΗΡΙΑΚΕΣ ΑΣΚΗΣΕΙΣ ΓΕΝΙΚΗΣ ΦΥΣΙΚΗΣ, ΜΕΛΗ ΔΕΠ ΤΟΥ ΤΟΜΕΑ ΦΥΣΙΚΗΣ ΣΤΕΡΑΙΑΣ ΚΑΤΑΣΤΑΣΗΣ ΤΟΥ ΤΜΗΜΑΤΟΣ ΦΥΣΙΚΗΣ ΑΠΘ Λεπτομέρειες

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