

COURSE OUTLINE

RESPONSIBLE OF THE COURSE	Antoniou Panagiotis, Professor
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1. GENERAL

SCHOOL	SCHOOL OF PHYSICAL EDUCATION & SPORT SCIENCE		
DEPARTMENT	DEPARTMENT OF PHYSICAL EDUCATION & SPORT SCIENCE		
LEVEL OF STUDIES	6		
COURSE CODE	N175	SEMESTER	7th
COURSE TITLE	WORKSHOP FOR PRESENTATION AND ANALYSIS OF DATA USING COMPUTERS		
TEACHING ACTIVITIES	TEACHING HOURS PER WEEK	ECTS CREDITS	
<i>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.</i>			
	2	2	
<i>Please, add lines if necessary. Teaching methods and organization of the course are described in section 4.</i>			
COURSE TYPE <i>Background, General Knowledge, Scientific Area, Skill Development</i>	GENERAL KNOWLEDGE, SKILLS DEVELOPMENT		
PREREQUISITES:	NO		
TEACHING & EXAMINATION LANGUAGE:	GREEK		
COURSE OFFERED TO ERASMUS STUDENTS:	NO		
COURSE URL:	https://eclass.duth.gr/courses/KOM02185/		

2. LEARNING OUTCOMES

Learning Outcomes <i>Please describe the learning outcomes of the course: Knowledge, skills and abilities acquired after the successful completion of the course.</i>		
Aim of course is the skills development of students in the use of computers and software's aiming at the facilitation of editing and presentation of diplomatic work. The skills that development concern the management of information via computers, the search for bibliography, the conduct basic statistical analyses via statistical program in computer and the presentation of scientific results.		
General Skills <i>Name the desirable general skills upon successful completion of the module</i>		
<table border="0"> <tr> <td><i>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</i></td> <td><i>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</i></td> </tr> </table>	<i>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</i>	<i>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</i>
<i>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</i>	<i>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</i>	
Upon the completion of this course the student will be able to:		
<ol style="list-style-type: none"> edit and present a scientific work manage information via computers (internet) 		

3. search bibliography using computers
4. conduct basic statistical analyses via statistical program in computer and
5. present scientific results via Power Point.

3. COURSE CONTENT

Lecture 1: Advanced word processing techniques and functions

Lecture 2: Word processing and Diploma Thesis structure

Lecture 3: Search of bibliography

Lecture 4: Introduction in the statistical program PSPP – Windows description – Data import – Variable’s definition – treatment of the data

Lecture 5: Descriptive Statistics – Means – Variance

Lecture 6: t – test for dependent samples

Lecture 7: t – test for independent samples

Lecture 8: Frequencies – Frequencies control (x2)

Lecture 9: Test of statistical analyses x2 and t-test

Lecture 10: One – Way analysis of variance for dependent samples and for independent samples

Lecture 11: Repetition of statistical analyses (t-test, x2, One-Way Anova)

Lecture 12: Literature Review – Qualitive research - Interview

Lecture 13: Management of presentation software

4. LEARNING & TEACHING METHODS - EVALUATION

<p style="text-align: center;">TEACHING METHOD <i>Face to face, Distance learning, etc.</i></p>	Face to Face Lectures and applied Workshop Distance learning	
<p style="text-align: center;">USE OF INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT) <i>Use of ICT in Teaching, in Laboratory Education, in Communication with students</i></p>	Use of ICT in Teaching, in communication with students	
<p style="text-align: center;">TEACHING ORGANIZATION <i>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.</i></p>	<p><i>Activity</i></p>	<p><i>Workload/semester</i></p>
	LECTURES	10
	APPLIED WORKSHOP	25
	STUDY AT HOME	15
	TOTAL	50
<p style="text-align: center;">STUDENT EVALUATION <i>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</i></p>	Practice exams at the end of semester and evaluation of students’ skills.	

interpretation, Other/Others

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

5. SUGGESTED BIBLIOGRAPHY

1. Antoniou P., Gourgoulis V. (2010). Use of computers for search bibliography, analyses and presentation of data. Giourdas Publishers, Athens.
2. Dourvas I. (2006). Power Point presentation in education. Giourdas Publishers, Athens.
3. Tsantas N., Moisiadis P., Chatzipantelis Th., Bagiatis N. (1999). Analyses of data using statistical softwares. Ziti Publishers, Athens.

ANNEX OF THE COURSE OUTLINE

Alternative ways of examining a course in emergency situations

Teacher (full name):	ANTONIOU PANAGIOTIS, PROFESSOR
Contact details:	panton@phyed.duth.gr
Supervisors: (1)	NO
Evaluation methods: (2)	Written examination with distance learning methods
Implementation Instructions: (3)	<p>The examination in the course will be carried out in subgroups of users in the e-class, depending on the number of participants in the course, on the day according to the examination program announced by the Secretariat. The exam will be conducted through Teams. The link will be sent to students via e-class exclusively to the institutional accounts of those who have registered for the course and have learned the terms of distance methods.</p> <p>Students will have to log in to the examination room through their institutional account, otherwise they will not be able to participate. They will also take part in the examination with a camera, which they will have open during the examination. Before the start of the exam, students will show their identity to the camera, so that they can be identified.</p> <p>Each student should answer multiple choice questions, free text development, critical thinking. Each of the questions is graded from 0.5 points to 2.0 points depending on question's category</p>

(1) Please write YES or NO

(2) Note down the evaluation methods used by the teacher, e.g.

➤ *written assignment* or/and exercises

➤ written or oral examination with distance learning methods, provided that the integrity and reliability of the examination are ensured.

(3) In the **Implementation Instructions** section, the teacher notes down clear instructions to the students:

a) in case of **written assignment and / or exercises**: the deadline (e.g. the last week of the semester), the means of submission, the grading system, the grade percentage of the assignment in the final grade and any other necessary information.

b) in case of **oral examination with distance learning methods**: the instructions for conducting the examination (e.g. in groups of X people), the way of administration of the questions to be answered, the distance learning platforms to be used, the technical means for the implementation of the examination (microphone, camera, word processor, internet connection, communication platform), the hyperlinks for the examination, the duration of the exam, the grading system, the percentage of the oral exam in the final grade, the ways in which the inviolability and reliability of the exam are ensured and any other necessary information.

c) in case of **written examination with distance learning methods**: the way of administration of the questions to be answered, the way of submitting the answers, the duration of the exam, the grading system, the percentage of the written exam of the exam in the final grade, the ways in which the integrity and reliability of the exam are ensured and any other necessary information.

There should be an attached list with the Student Registration Numbers only of students eligible to participate in the examination.