

COURSE OUTLINE

(1) GENERAL

SCHOOL	EDUCATION		
ACADEMIC UNIT	DEPARTMENT OF PRIMARY EDUCATION		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	ΔΕΕ196	SEMESTER	1
COURSE TITLE	INTRODUCTION TO ICT IN EDUCATION I		
INDEPENDENT TEACHING ACTIVITIES <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>	WEEKLY TEACHING HOURS	CREDITS	
	3	4	
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	General background, skills development		
PREREQUISITE COURSES:	No		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes		
COURSE WEBSITE (URL)	http://ecourse.uoi.gr/course/view.php?id=888		

(2) LEARNING OUTCOMES

<p>Learning outcomes The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</p> <p>Consult Appendix A</p> <ul style="list-style-type: none"> • Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area • Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B • Guidelines for writing Learning Outcomes
<p>Level of Learning Outcomes The learning outcomes pertain to:</p> <ul style="list-style-type: none"> • Level 6 of the European Qualifications Framework • Levels 1,2,3 (remembering, comprehending, applying) of Bloom's taxonomy <p>Descriptors of the European Qualifications Framework</p> <ul style="list-style-type: none"> • Knowledge: Basic structure and operation of computers and the internet • Skills: Use of office and multimedia software • Competence: Application of basic ICT skills in educational practice <p>Learning Outcomes By the end of the course, students will:</p> <ul style="list-style-type: none"> • be familiarized with Learning Management Systems (moodle) • be familiarized with the basic structure and operation of computers • be familiarized with the basic structure and operation the internet • be able to use word processing software in educational settings • be able to use spreadsheet software in educational settings • be able to use presentation software in educational settings • be able to use image processing software in educational settings

- be able to use audio processing software in educational settings
- be able to use video processing software in educational settings

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology	Project planning and management
Adapting to new situations	Respect for difference and multiculturalism
Decision-making	Respect for the natural environment
Working independently	Showing social, professional and ethical responsibility and sensitivity to gender issues
Team work	Criticism and self-criticism
Working in an international environment	Production of free, creative and inductive thinking
Working in an interdisciplinary environment
Production of new research ideas	Others...

- Search for, analysis and synthesis of data and information, with the use of the necessary technology
- Adapting to new situations
- Working independently
- Team work
- Working in an interdisciplinary environment
- Project planning and management
- Production of free, creative and inductive thinking

(3) SYLLABUS

This course is an introduction to the basic concepts and skills that are necessary for the use of Information and Communications Technology (ICT) in Education (Computer literacy). It is based both on lectures and laboratory practice. More specifically, the course aims to provide knowledge on (a) the structure and operation of computers and the internet, (b) the use office applications software in educational settings and (c) the use of multimedia processing software in educational settings. The students will gain useful skills that will help them during their University studies and in their later career as teachers.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face in a Computer Laboratory	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Use of ICT in teaching, laboratory education, communication with students	
TEACHING METHODS <i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc. The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i>	Activity	Semester workload
	Lectures	13
	Laboratory Practice	26
	Multiple choice questionnaires	13
	Projects	48
	Course total	100
STUDENT PERFORMANCE EVALUATION <i>Description of the evaluation procedure Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical</i>	Formative assessment along the semester through: <ul style="list-style-type: none"> • Laboratory Practice • Multiple choice questionnaires • Projects Final grade calculation: <ul style="list-style-type: none"> • Weekly Multiple choice questionnaires 40% • Weekly Projects 40% 	

<p><i>examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<ul style="list-style-type: none"> • Final Project <p style="text-align: right;">20%</p>
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(5) ATTACHED BIBLIOGRAPHY

<p>Textbooks</p> <ul style="list-style-type: none"> • Evans, A., Martin, K., & Poatsy, M. A. (2018). Εισαγωγή στην πληροφορική (2η έκδ): ΕΚΔΟΣΕΙΣ ΚΡΙΤΙΚΗ. • Williams, B., & Sawyer, S. (2015). Εγχειρίδιο της Πληροφορικής και των Επικοινωνιών (11η εκδ): ΕΚΔΟΣΕΙΣ ΓΚΙΟΥΡΔΑ. • Δαγδιλέλης, Β., Ευαγγελίδης, Γ., Σατρατζέμη, Μ., & Φαχαντίδης, Ν. (2015). Εισαγωγή στην Χρήση των Η/Υ (1η εκδ): ΕΚΔΟΣΕΙΣ Α. ΤΖΙΟΛΑ. <p>Extra educational materials (sources, quizzes, assignments) are available at http://ecourse.uoi.gr</p>
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