COURSE OUTLINE

(1) GENERAL

SCHOOL	Science and Technology
ACADEMIC UNIT	Science and Technology
PROGRAMME OF STUDIES	MSc in E-Business and Digital Marketing
LEVEL OF STUDIES	Postgraduate

COURSE CODE	EBC12	**SEMESTER**	1

COURSE TITLE	ICT Management
COURSE TYPE *Elective, compulsory*	Compulsory
INSTRUCTOR(S)	Assoc. Prof. Vassilios Peristeras

INDEPENDENT TEACHING ACTIVITIES *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*	**WEEKLY TEACHING HOURS**	**CREDITS**
	4,2	6
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

TEACHING ACTIVITIES BREAKDOWN	**WEEKLY HOURS**
Theory	2,3
Lab	0,7
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).	

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	General background
PREREQUISITE COURSES:	-
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	English
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes
COURSE WEBSITE (URL)	https://elearn-ucips.ihu.gr/

(2) LEARNING OUTCOMES

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.

Consult Appendix A
- *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*

On completing the course, the student will be able to:

- Demonstrate skills in understanding, planning and assessing the introduction and value of Information Systems

- Demonstrate analytical skills in planning, evaluating and supervising an ICT project using a well-established in the industry project management methodology and tools

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
- Decision Making
- Teamwork
- Production of free, creative, and inductive thinking

(3) SYLLABUS

The aim of this course is dual: a) to introduce the students in the area of Information Systems and b) to introduce the students in the field of project management and present a PM methodologies for ICT projects.

(1) Introduction to Information Systems
(2) Business Processes and Information Systems
(3) Information System lifecycle: analysis, design, development, operations
(4) Systems for different groups
(5) ERP systems
(6) SCM, CRM, collaborative systems, data analytics systems
(7) The Information Systems Department
(8) Information Systems and Organisations
(9) Introduction to Project Management methodology: PM^2
(10) Presentation of group assignments

(11) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Hybrid: Face to face and synchronous distance learning
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	**Use of ICT in Teaching** During teaching, the material provided through the e-learning platform is utilized. The Kahoot online poll system is used to improve teacher-student interaction. Hybrid teaching method is carried out through modern lectures with the support of the Zoom teleconferencing tool. Students are taught about a range of key technologies relevant to the content and subject matter of the course. **Use of ICT in Communication with students** • The course material (slides, scientific articles, exercises, etc.) is posted on the course page at the e-learn platform (Moodle). • Use of Moodle Forums announcements.

	• Use of Kahoot for real-time polls and exercises • Live video meetings via Zoom/Teams. • Contact via email/Teams

TEACHING METHODS *The manner and methods of teaching are described in detail.* *Lectures, recitation, 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*		
	Activity	*Semester workload*
	Lectures	30 hrs.
	Lab	9 hrs.
	Group Assignment/Project	15 hrs.
	In-class Presentations	4 hrs.
	Exams	2 hrs.
	Non-Directed Study	90 hrs.
	Course total	**150 hrs.**

COURSE MATERIAL ARRANGEMENT		
	Theory/Recitation	
	Introduction to Information Systems	1 hr.
	Business Processes in Information Systems	5 hrs.
	Information System lifecycle: analysis, design, development, operations	3 hrs.
	Systems for different groups	4 hrs.
	ERP systems	3 hrs.
	SCM, CRM, collaborative systems, data analytics systems	2 hrs.
	The Information Systems Department	1 hrs.
	Information Systems and Organisations	2 hrs.
	Introduction to Project Management methodology: PM^2	2 hrs.
	Presentation of group assignments	2 hrs.
	Introduction to Information Systems	1 hrs.
	Business Processes in Information Systems	2 hrs.
	Information System lifecycle: analysis, design, development, operations	2 hrs.
	Lab	
	Support and guidance for group assignments	9 hrs.

STUDENT PERFORMANCE EVALUATION
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 examination of patient, art interpretation, other
 	
Specifically-defined evaluation criteria are given, and if and where they are accessible to students
	Language of Evaluation: English
	
	Evaluation Procedure:
	    ● Written Exams (60%). Methods of evaluation:
	        ○ Multiple choice questions
	    ● Group project (30%)
	    ● In-class presentation (10%)
	
	The evaluation procedure is announced to the students during the first lecture and is also accessible at the e-learn platform throughout the entire semester.

STUDENT OBLIGATIONS *Compulsory attendance of lectures, labs, recitations, compulsory participation in midterms, exams, compulsory delivery of homework, projects, etc.*	● Compulsory attendance of lectures ● Optional attendance of labs ● Compulsory participation in the exams ● Compulsory in-class presentation ● Compulsory delivery of project

(12)ATTACHED BIBLIOGRAPHY

- Suggested Textbooks

1. OpenPM^2 Guide, European Commission
2. Harvey Maylor, Project Management, 4th Edition, Prentice Hall
3. J. Laudon, K. Laudon, Management Information Systems: Managing the Digital Firm, Global Edition, 17/E, New York University

- Additional Bibliography:

1. Over 100 papers, reports and references available via the elearning platform (Moodle), updated every year