UNIVERSITY OF PIRAEUS

FACULTY/SCHOOL	School of Economics, Business and International Studies
DEPARTMENT	Department of Economics
LEVEL OF STUDY	Undergraduate

COURSE UNIT CODE	ΟΚΕΨΟ06	**SEMESTER**	4

COURSE TITLE	**DIGITAL ECONOMY APPLICATIONS**

WEEKLY TEACHNG HOURS	6	**CREDITS (ECTS)**	5

COURSE TYPE	Scientific expertise, Skills Development
PREREQUISITE COURSES	-

INSTRUCTION LANGUAGE	Greek	**ASSESSMENT LANGUAGE**	Greek

OPEN TO ERASMUS	Yes

LEARNING OUTCOMES	This course provides an overview of information systems in the business world and presents an organizational view of how to use information technology to create competitive firms, manage global organizations, and provide useful products and services to customers through the web. The phenomenal growth of the Internet since the large-scale commercialization of the Internet in the 1990's has taken globalization of trade to new heights. Organizations are becoming mostly digital and we are witnessing the rise of information economies. Thus it is imperative that we understand how information technologies, particularly the Internet technologies are changing businesses and markets (e-business). It is also imperative to understand changes that are likely to occur in the near future. Topics include the strategic use of information systems, the development of e-commerce, and social and ethical issues involved with e-business. Consequently, this course is designed to provide a broad overview of the strategic and operational importance, theory and practice of ERP (Enterprise Resource Planning) Systems for both IS and non-IS professionals, users, and managers.
GENERAL COMPETENCES	Search for, analysis and synthesis of data and information by the use of appropriate technologies, Adapting to new situations Decision-making Individual/Independent work Group/Team work Introduction of innovative research
COURSE CONTENT	**Lectures** Theory of Systems, Information Systems (I.S.) , Classification of I.S, Management Information Systems, Architecture OF I.S. and Development phases, Strategic Design of I.S. 3. E-Business & E-Commerce models **Laboratory** Introduction to E.R.P. Sytems, Modules &Interfaces, Scenariosand Transactions implementation E-Business and Web-Cloud Computing Applications, Social Media
USE OF ICT IN TEACHING	Use of ICT in lectures and in the communication with students. On-hands training in Computer laboratory, Project

COURSE DESIGN	Activity/Method	Semester workload
	Lectures	26
	Laboratory Training (Exercises, Scenarios and Cases)	52
	Project	45
	Final Exam	2
	Total	125

COURSE ASSESSMENT	Language of evaluation : Greek (English is used in cases of Erasmus + students) Evaluation method : Final examination (multiple choice and open-ended questions, exercises and theory evaluation) and/or Project Assignment
SUGGESTED BIBLIOGRAPHY	1. Yannis Pollalis & Athanassios Vozikis EnterpriceResourcePlanningSystems: Strategies and Applications ISBN: 978-960-98123-3-7 2012UTOPIAPUBLISHING 2. YannisPollalis & D. Gianacopoulos ElectronicBusinessISBN: 978-960-351-698-9 Stamoulis Publishing Supplementary Books 1. Laudon K. Laudon J. «Management Information Systems», McGraw-Hill. 2. O'Brien «Introduction to Information Systems», McGraw-Hill 3. Kroenke D., Hatch R. "Management Information Systems», McGraw-Hill Related scientific journals: 1. Information Systems Journal 2. European Journal of Information Systems 3. Open Journal of Information Systems