

COURSE LAYOUT

1. GENERAL

GENERAL			
SCHOOL	Applied Economic and Social Sciences		
DEPARTMENT	Agribusiness and Supply Change Management		
STUDY LEVEL	Undergraduate		
COURSE CODE	ICT503	SEMESTER	5th
COURSE TITLE	ENTERPRISE RESOURCE PLANNING SYSTEMS		
INDEPENDENT TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	CREDITS/ECTS
Lectures		2	5
Laboratory work		3	
COURSE TYPE	Scientific area		
PREREQUISITES:	No		
LECTURES AND EXAMS LANGUAGE :	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS?	YES (in English)		
COURSE WEB PAGE (URL)	https://oeclclass.aua.gr/eclass/courses/5095/		

2. LEARNING OUTCOMES

Learning Outcomes
<p>The scope of the course is to help students to:</p> <ul style="list-style-type: none"> understand issues related to the necessity, methods and tools of integrated business resource management, emphasizing the processes of Logistics operations understand resource management and workflow management issues throughout the supply chain (inside and outside a business) and the ways in which ERPs support the smooth operation of the business understand the implementation of ERP systems, focusing on requirements analysis, architecture design, evaluation, selection and actions throughout its life cycle (implementation, parameterization, development, maintenance) <p>Upon successful completion of the course the student will be able to:</p> <ul style="list-style-type: none"> use the basic functions of an Enterprise Resource Planning System (ERP)
General Competences
<ul style="list-style-type: none"> Search, analyze and synthesize data and information, using the necessary technologies Adapt to new situations / Make decisions / Produce new research ideas Work autonomously / Work in teams / Work in an interdisciplinary environment Advance free, creative and causative thinking

3. COURSE CONTENT

<p>The theoretical part of the course covers the following topics:</p> <ul style="list-style-type: none"> Introduction - understanding of business resources and management needs Business Processes – ERP Evolution – Advantages of using ERP systems Business Information Systems Architecture ERP system selection criteria – ERP subsystems ERP functionality. Business processes support, such as: <ul style="list-style-type: none"> human resources management processes financial management, production management Sales and customer management, e.t.c. Customer Relationship Management System Project management processes for implementing ERP system Case studies <p>The laboratory part of the course covers the following topics:</p> <ul style="list-style-type: none"> Use of an ERP system for the development of specific logistics scenarios

4. TEACHING and LEARNING METHODS - EVALUATION

TEACHING METHOD	Face to face, Distance learning
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USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	<ul style="list-style-type: none"> • Support of the learning process through the AUA Open eClass platform of the University • Support of the lectures using presentation software • Use of Internet applications to support educational needs • Use of a ERP software tool <p>Communication with students: face-to-face at office hours, email, eclass platform</p>																		
TEACHING ORGANISATION	<table border="1"> <thead> <tr> <th>Activity</th><th>Workload</th></tr> </thead> <tbody> <tr> <td>Lectures (direct)</td><td>39</td></tr> <tr> <td>Laboratory Practice</td><td>26</td></tr> <tr> <td>Essay Writing</td><td>20</td></tr> <tr> <td>Autonomous study</td><td>36</td></tr> <tr> <td>Advisory Support</td><td>0,5</td></tr> <tr> <td>Examination</td><td>2</td></tr> <tr> <td>Laboratory Examination</td><td>2</td></tr> <tr> <td><i>Total</i> (About 25 hours of study per ECTS)</td><td>125,5</td></tr> </tbody> </table>	Activity	Workload	Lectures (direct)	39	Laboratory Practice	26	Essay Writing	20	Autonomous study	36	Advisory Support	0,5	Examination	2	Laboratory Examination	2	<i>Total</i> (About 25 hours of study per ECTS)	125,5
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STUDENTS EVALUATION	<p>The evaluation process is in the language that the course is taught (Greek or English) and consists of:</p> <ol style="list-style-type: none"> <u>Compulsory written final examination</u> at the end of the semester (weighting factor 70% at least) including: <ul style="list-style-type: none"> • Multiple choice questionnaires • Open-ended questions • Problem solving • Oral examination <p>Evaluation criteria: correctness, completeness, clarity</p> <u>Optional written exam or essay</u> during the semester (weighting factor 30%) including: <ul style="list-style-type: none"> • Multiple choice questionnaires • Open-ended questions • Problem solving • Essay/report • Oral examination <p>Evaluation criteria: correctness, completeness, clarity</p> <p>Students with special learning difficulties in writing and reading (as they are certified and characterized by a competent body) are examined based on the procedure provided by the Department.</p> <p>The evaluation criteria are made known during the first lesson and are clearly stated on the course website and the AUA Open e-class platform. The answers to the exam questions are posted on the AUA Open e-Class platform after the exam. The students are allowed to see their exam paper after its grading (during the announced office hours) and receive explanations about the grade they received</p>																		

5. SUGGESTED BIBLIOGRAPHY

Bibliography:

- Φιτσιλής Π. (2015) Σύγχρονα Πληροφοριακά Συστήματα Επιχειρήσεων, ΚΑΛΛΙΠΟΣ, <https://repository.kallipos.gr/handle/11419/2256>
- Πολλάλης Ι., Βοζίκης Α (2015). Πληροφοριακά Συστήματα Διαχείρισης Επιχειρησιακών Πόρων, εκδ. Υτοπία.
- Φωλίνας, Δ., Μάνθου, Β., Βλαχοπούλου, Μ., (2007). Ολοκληρωμένα Πληροφοριακά Συστήματα Διαχείρισης Επιχειρησιακών Πόρων, Εκδ. Ανικούλα.
- Στεφάνου Κ., Μπιάλας Χ., (2017). Συστήματα Επιχειρησιακών Πόρων και Εφαρμογές με το σύστημα SAP, Εκδότης Αλτιντζής Α.
- Kurbel, K., (2013). Enterprise Resource Planning and Supply Chain Management, Springer.
- Martin, M. (2014). Discover Logistics with SAP (SAP ERP and SAP SCM), 2nd u edition, SAP Press.

Scientific Journals:

- Journal of Enterprise Information Management

- Journal of Enterprise Resource Planning Studies
- International Journal of Enterprise Information Systems (IJEIS)