

## COURSE OUTLINE

### 1. GENERAL

<b>SCHOOL:</b>	BUSINESS AND ECONOMICS		
<b>DEPARTMENT</b>	BUSINESS ADMINISTRATION		
<b>DIVISION</b>	TOURISM AND HOSPITALITY MANAGEMENT		
<b>LEVEL OF STUDY</b>	UNDERGRADUATE		
<b>COURSE UNIT CODE</b>	<b>3104403</b>	<b>SEMESTER OF STUDY</b>	4
<b>COURSE TITLE</b>	MANAGEMENT INFORMATION SYSTEMS		
<b>COURSEWORK BREAKDOWN</b>		<b>TEACHING WEEKLY HOURS</b>	<b>ECTS Credits</b>
Lectures, Workshops and Laboratory Exercises		5	6
<b>COURSE UNIT TYPE</b>	Special Background Course		
<b>PREREQUISITES :</b>			
<b>LANGUAGE OF INSTRUCTION/EXAMS:</b>	GREEK		
<b>COURSE DELIVERED TO ERASMUS STUDENTS</b>	YES		
<b>MODULE WEB PAGE (URL)</b>	<a href="http://moodle.teipir.gr/course/info.php?id=88">http://moodle.teipir.gr/course/info.php?id=88</a>		

### 2. LEARNING OUTCOMES

#### Learning Outcomes

Upon successful completion of the course the student will be able to:

- Distinguish the recent developments and tendencies that prevail round the Information Systems.
- Develop the basic significances of strategy of modern Information Systems, the approaches presented in the bibliography, as well as the enterprising practice.
- Recognize the advantages for an Organisation from the application of modern Management Information Systems.
- Determine the steps of analysis and development of modern Management Information Systems.
- Develop Computer Based Management Information Systems.
- Identify risks and difficulties emerged during the development and the application of Management Information Systems.

#### General Skills

- Individual work
- Teamwork
- Analysis and Synthesis

### 3. COURSE CONTENTS

The course is organized around topics such as:

- Information & Information Systems,
- The strategic role of the MIS,
- Organizational Structure of the MIS,
- MIS technologies,
- Computer Based Information Systems,
- MIS Life cycle,

- Analysis, Design and MIS Integration,
- The Chen diagrams,
- The role of Data Base and Model Base in the development of a MIS.

#### 4. TEACHING METHODS - ASSESSMENT

<b>MODE OF DELIVERY</b>	In-Class	
<b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY</b>	<p><b>Use of ICT in Teaching:</b> Word Processing, Presentations, Spreadsheets, Support of the learning process through the LMS platform of PUAS. Office 365.#</p> <p><b>Use of ICT in Communication :</b> Email, Course Website, Lecturer Website, Social Networks (Facebook, Twitter)</p>	
<b>TEACHING METHODS</b>	<b>Method description</b>	<b>Semester Workload</b>
	Lectures	39
	Independent and Directed Learning	59
	Preparation of Group Project	26
	Lab exercises	26
	<b>TOTAL</b>	<b>150</b>
<b>ASSESSMENT METHODS</b>	<p><b>I. Final Examination (60%) (Summative Evaluation) includes:</b></p> <ul style="list-style-type: none"> <li>- Critical questions</li> <li>- Short answer questions</li> <li>- Problems Resolve</li> </ul> <p><b>Evaluation Objective:</b> To understand the fundamentals of the course.</p> <p><b>Evaluation Criteria:</b> Comprehensiveness, accuracy, and critical evaluation.</p> <p><b>II. Teamwork (40%) (Summative and Formative):</b> Development of an MIS.</p> <p><b>Evaluation Objective:</b> To examine students' skills in MIS development tools and to enhance students' teamwork skills.</p> <p><b>Evaluation Criteria:</b> Functionality of the application, user-interface, organization and management of teamwork project and presentation.</p> <p>Evaluation criteria are explicitly referred on the site of the course for each learning activity.</p>	

#### 5. RESOURCES

##### - Recommended Book :

##### Books

- Yannakopoulos D., Papoutsis I., (2003). Management Information Systems, Synchroni Ekdotiki, Athens (in Greek).
- Pollalis C, Yannakopoulos D., Papoutsis I., (2004). Business Information Systems, Stamoulis Publications, Athens (in Greek)
- Ross A. Malaga, (2005). Introduction to Information Technology Systems" Publishing M. Giourdas, Athens (in Greek).
- Folinas D Manthos B Vlachopoulou M, (2007). Integrated Information Enterprise Resource Management Systems, Anikoula Publications, Thessaloniki (in Greek)
- Laudon K. C., Laudon J. P, (2009). Information Systems, 7th Edition, Prentice Hall, Athens (in Greek)

- Economou C., N. Georgopoulos, Benos B, (2004). Information Systems Management Benos Publications (in Greek).
- Pollalis C Voziki A, (2009). Information Enterprise Resource Planning Systems, UTOPIA Publications, Athens (in Greek)
- James O'Brien and George Marakas, (2010). Management Information System, Mac Graw Hill Companies, 10th Edition.
- Avison and Fitzgerald, (1998). Information Systems Development: Methodologies, Techniques and Tools, McGraw-Hill Companies, 2nd Edition.
- Curtis Graham and David Cobham, (2001). Business Information Systems: Analysis, Design and Practice, Pitman Publishing, 4th Edition.
- D. Anderson, (2000). Managing Information Systems: Using Cases within an Industry Context to Solve Business Problems with Information Technology, Prentice Hall.
- Laudon K. C. and J. P. Laudon, (2010). Management Information Systems, Prentice Hall, New Jersey, 11th edition.
- Raymond McLeod and George Schell, (2006). Management Information Systems, Prentice Hall, 10th Edition.
- Raymond McLeod Jr, (2001). Management Information Systems, Prentice Hall International, Inc. New Jersey, 8th edition.

**Selected articles from the following journals:**

- International Journal of Information Management– Elsevier.
- The Journal of Strategic Information Systems– Elsevier.
- Information & Management– Elsevier.