Course Title	Management Information Systems		
Course Code	TCOM-230		
Course Type	This course serves as both Elective and Requirement, according to the program.		

All Programs	General Elective

Level	Bachelor (1st Cycle)		
Year / Semester	Year 2, A' Semester		
Teacher's Name	Dr. Adamantini Peratikou		
ECTS	6	Lectures / week	3	Laboratories / week	

Course Purpose and Objectives	This course will help students to get an understanding of how information systems are used in business setting. The topics covered will include the fundamental of information systems, strategic use of information systems, decision support and expert systems. This course will also describe information systems planning, design and implementation.

Learning Outcomes	Upon completion of this course students will be able to:

1. Explain the role of information systems in business environments.

2. Identify the challenges of information systems.

3. Understand the term management information systems

4. Compare and contrast Management Information system (MIS) with Business Information Systems (BIS).

5. Distinguish the different decision making techniques and identify the organizational models.

6. Examine computer systems and information processing methods.

7. Discuss system software and application software and the selection of appropriate software based on the business needs/

Prerequisites	TCOM – 100 Computer Applications	Required	

Course Content	1. The challenge of information system: Key information systems. Contemporary approaches to information systems. Key system applications in the organization. The changing management process.
	2. The strategic role of information systems: Information as a strategic resource. How information system can be used for competitive advantage. Implication for managers and organizations.
	3. Information systems and organizations: The relationship between organizations and information systems. Salient features of organization system affect organizations.
	4. Information, management and decision making: What managers do? Introduction to decision making. Individual models of decision-making. Organizational models of decision-making.
	5. Computers and information processing: What is a computer system? The CPU and primary storage. The evolution of computer hardware. Mainframes, minicomputers, microcomputers. Secondary storage. Input / Output devices. Information technology trends.
	6. Information systems software: What is software? Systems software. Application software. New software tools and approaches. How to choose software and programming languages
Teaching Methodology	The course is delivered through lectures, demonstrations and practical sessions.
Mode of delivery	Face to face.
Bibliography	**Required**
	1. Efrain Turban/Linda Volonino / Ephraim R. Mclean/James C. Wetherbe, *Information Technology for Management: Transforming Organizations in the digital Economy*, 7th ed., John Wiley and Sons Ltd.
	Recommended
	1. Kenneth C. Laudon, Jane P. Laudon, *Management Information Systems*, Prentice Hall, 10th ed., 2006.
	2. Kenneth Laudon, Jane Laudon, *Essentials of MIS: Global Edition*, Pearson Higher Education, 9th ed., 2011.
	3. David Kroenke, *Using MIS: International Version,* Pearson Higher Education, 3rd ed., 2011.
	4. David M.Kroenke, *MIS Essentials: International Version*, Pearson Higher Education, 2010.

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Assessment	The following assessment methods are employed to assess this course:
	<table><tr><td>30 – 50 %</td><td>Final Exam</td></tr><tr><td>20 – 40 %</td><td>Mid –Term / Tests / Quizzes</td></tr><tr><td>10 – 30 %</td><td>Assignments / Projects</td></tr><tr><td>0 – 10 %</td><td>Class Attendance & Participation</td></tr></table>
Language	English