Course Title	**Managing Information Systems**
Course Code	**MBA 603**
Course Type	**ELECTIVE**
Level	**MASTER**
Year / Semester	**Year 2 / Semester 5 or 6**
Teacher's Name	**Christakis Charalambous**

ECTS	**6**	Lectures / week	**3**	Laboratories / week	

Course Purpose and Objectives	This course is designed to introduce students to (1) IT management practices (e.g., intelligent supply chain management, IT in business process management, etc.), (2) Data analyses in Microsoft Excel and Access, (3) Enterprise resource planning in SAP. This course provides students with an overview of the utilization of business application software and problem-solving using that software. Topics include computer systems, management information systems, microcomputer operating systems, word processing, electronic spreadsheets, database management, business graphics, networks, and integrated packages. Industry accepted microcomputer software will be used.
Learning Outcomes	Upon the successful completion of this course, students will be able to: • provide students with a basic understanding of how Information Systems are used in organizations for meeting strategic and operational goals. • acquire skills using current end-user software for communication, data transformation, collaboration, and problem solving. • develop an understanding on software and hardware components, information structures, basic business organization and processes, information system security, and networks.
Prerequisites	**ALL COMPULSORY COURSES** Required
Course Content	• Information Systems in Global Business Today • Global E-business and Collaboration • Information Systems, Organizations, and Strategy • Ethical and Social Issues in Information Systems • IT Infrastructure and Emerging Technologies • Foundations of Business Intelligence: Databases and Information Management

	• Telecommunications, the Internet, and Wireless Technology • Securing Information Systems • Achieving Operational Excellence and Customer Intimacy: Enterprise Applications • E-commerce: Digital Markets, Digital Goods • Managing Knowledge • Enhancing Decision Making • Building Information Systems • Managing Projects • Managing Global Systems
Teaching Methodology	A mixture of lectures, quizzes, class discussion and presentations on cases, assignments and exams. Guest speakers will be invited from the industry and the public sector as well.
Bibliography	• Laudon, K.C. and Laudon, J. P. (Latest Global Edition) Management Information Systems. Managing the Digital Firm. Pearson. • Rainer, R. K., Prince, B. and Watson, H.J. (2016). Management Information Systems. Wiley.
Assessment	Individual case analysis 15% Class Contribution 10% Project 25% Project presentation 10% Final Exam 40%
Language	English