## MANAGEMENT AND INFORMATION TECHNOLOGY

- **Course code**

  8125

- **Type of course (compulsory, optional)**

  Compulsory

- **Level of course**

  First Cycle

- **Year of study**

  2013-2014

- **Semester**

  5th Semester

- **Number of credits allocated**

  6 ECTS Credits

- **Name of lecturer**

  Doukidis Georgios, Professor

- **Learning outcomes**

  - To comprehend the basic dimensions of the use of Information and Communications Technologies (ICT) in organizations and the main issues that is connected with their effective exploitation.
  - To acquire the necessary conceptual background in order to comprehend the issues that the managers deal with, regarding ICTs.
  - To get to know the main functions of the appropriate management of information systems (IS) in organizations and the fundamental theoretical and practical models that lead to the management of this operation.
  - To comprehend how ICTs affect the organisational structure of businesses and their relations with the business environment

- **Mode of delivery (face-to-face, distance learning)**

  Face-to-face

- **Prerequisites and co-requisites**

  - Information and Telecommunication Technologies
  - Information and Telecommunication Systems
  - Introduction to Management

- **Recommended optional programme components**

- **Course contents**

  - The importance of information technology for organisations with issues such as: managing information systems, strategic information systems, business process re-engineering and informational technology, the role of informational technology in the management of change, harmonisation of business and IT strategy

- The use and exploitation of informational systems with subjects as: support management decisions, support intra-organisational procedures, managing data and knowledge, integration of processes, enterprise resource planning (ERP), electronic commerce
- Business Transformation and the role of information systems with issues as: process, the transition from traditional to electronic business, business process reengineering (BPR), the impact of IT on competition and cooperation

- **Recommended or required reading**

  The main book is:

   G. Doukidis, «Innovation, Strategy, Development and Information Systems», Sideris Publications, Athens 2011

  Academic notes will be given to the students, and scientific articles and case studies can be found in the e-learning site of the course (at the website of the department).

- **Planned learning activities and teaching methods**

  Lectures and projects

- **Assessment methods assessment methods and criteria**

  The final degree of each student will be based on 2 criteria:
  - In his essay/projects
  - In the final written examinations

  In the final grade each criteria will be calculated as follows:

  | | |
  |---|---|
  | Essay/projects | 30% |
  | Final Examinations | 75% - 70% |

- **Language of instruction**

  Greek

- **Work placement(s)**

  Not applicable