

Syllabus

1. Information about the course and lecturer

1.1. Name of the course:	Managing Information Systems
1.2. Faculty that coordinates the course:	Faculty of Management and Finance
1.3. Education path:	Executive Master of Business Administration (EMBA)
1.4. Number of hours scheduled in study plan (<i>16 on-campus + 4 on-line hours / 32 on-campus + 3 on-line hours</i>):	32 on-campus + 3 on-line hours
1.5. ECTS (<i>filled by administrative</i>):	
1.6. Lecturer's first and last name:	Dr Festus Oderanti

2. Course's learning objectives, and its way of verification

2.1. The general purpose/aim of this course:

This module is designed to give managers a working knowledge and understanding of the need for information systems within a modern business environment. The module will consider the need for and use of information systems within a modern business environment. It will investigate IT developments such as communication and information systems, security, office systems.

This lectures and workshops will provide students with the skills to:

- explore the relationship between business strategy and information strategy;
- develop an understanding of information strategy formation;
- explore the critical success factors in information strategy implementation;
- develop an understanding of and explore appropriate methods and techniques for information strategy, information development, implementation and evaluation;

2.2. Intendent course outcomes in area of knowledge and skills

After this course Student will have **knowledge on**:

- concepts relating to information systems;
- why and how information systems strategy should be aligned with the business strategy;
- organisational implications of proposed systems changes;
- the management and use of information systems and their impact on organisations;
- how to obtain data and display the right information.

After this course Student will have the following practical **skills**:

- formulate information systems strategies that build competitive advantage;
- evaluate information systems as enablers of business strategy;
- comment on information systems and e-business strategy;
- assess the impact of new information systems on business operations;
- present information to allow effective monitoring and improvement of the business.

2.3 Course evaluation methods, general guidelines for approving the course (*grading scale: 5 (very good), 4 (good), 3 (adequate), 2 (failed)*).

70-100 - Excellent

60-69 - Very Good

55-59 – Good

50-54 - Satisfactory

40 - 49 - Fail

20 – 39 - Clear Fail

3. Course content and topics:

1. Introduction to Module; Understanding Information and Systems (*Bocij et al Chapter 1 to 2: Basic Concepts*).
2. Methods and Methodologies for Acquiring and Developing Business Information Systems (Bocij et al Ch.7-12: Fundamentals of BIS Development)
3. *Information Systems Analysis and Design*
4. Alignment of Information Systems strategies with Business Strategies (*Bocij et al Ch.13: Information Systems Strategy*)
5. Knowledge Management for organisations competitive advantage (Jashapara: Ch.4)
6. Enterprise Systems (ERP & SCM) (*Bocij et al Ch.2 (pp.49-50), Ch.6*)
7. eBusiness and eCommerce (*Bocij et al Ch5*)

8. Big Data, Business Intelligence & Databases (Bocij et al Ch.4)	
9. Security & Confidentiality (Bocij et al Ch.15: Managing Information Security)	
4. Reference list:	
<ul style="list-style-type: none"> • Bocij P., Greasley A. & Hickie S. (2015). <u>Business Information Systems: Technology, Development and Management for the E-Business</u>. 5th edition. Harlow: FT Prentice Hall (ISBN: 978-0273-73645-5). • Curtis G. and Cobham D. (2008) <u>Business Information Systems: Analysis, Design and Practice</u>. 8th edition. Harlow: FT Prentice Hall • Chaffey D. & White G. (2011). <u>Business Information Management</u>. 2nd edition. Harlow: Pearson Education Ltd. • Laudon K.C. and Laudon J.P. <u>Management Information Systems</u>. 13th edition (global). Harlow: Pearson Education Ltd. 	
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Date of last update of syllabus:	

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