Course Outline 2017

INFOSYS 323: MANAGEMENT OF INFORMATION SYSTEMS (15 POINTS)
Semester 1 (1173)

Course Prescription

Business operations depend critically on the effective and efficient operation of information technology and telecommunication systems. A disciplined management approach to routine business system operations is a key success factor for IT managers. This course is concerned with the management issues surrounding information and telecommunications systems, presents fundamental knowledge essential to managing this environment, and considers strategic issues related to technology use.

Programme and Course Advice

Prerequisite: Any 15 points at Stage II in ACCTG, COMPSCI, ENGSCI, INFOSYS, MKTG, OPSMGT, SOFTENG

Restriction: INFOSYS 223 and INFOMGMT 391

Goals of the Course

This course is directly concerned with the management issues surrounding information and telecommunications systems. It presents the ingredients of management knowledge necessary for success in the management of information technology. This course views information technology from the perspective of managers at several levels--from the CEO to the first line manager. It provides frameworks and management principles that current or aspiring managers can employ to cope with the challenges inherent in the implementation of rapidly advancing technologies.

The course presents fundamental knowledge essential to managing an information technology successfully within a larger organisation. It considers strategic and operational issues, the significance of rapidly advancing technology, and human and organisational issues related to technology introduction and use. The course describes management systems and models of successful behaviour that capitalise on opportunities and avoid the numerous potential pitfalls.

Learning Outcomes

By the end of this course it is expected that the student will be able to:

1. Understand the operational and strategic importance of information systems
2. Have a master of analyzing real world data with XLMiner and make data-driven decisions
3. Apply information systems strategies to achieve business objectives and competitive advantage

4. Use tools and techniques for IS assessment and planning
5. Understand new forms of technologies-based companies
6. Demonstrate good team collaboration and presentation skills

Content Outline

Topic 1 Introduction and Background: Information Systems in the Global Economy

Topic 2 Data Analytics and Decision Making

Topic 3 Data to Action Value Chain

Topic 4 Information Systems and Organizational Strategy

Topic 5 IT for Knowledge Management

Learning Resources

The learning resources are:

(1) A recommended text (below)
(2) Prescribed course readings
(3) XLMiner software for data analytics
(4) Research articles and cases

Recommended Textbook:

Laudon, K. C., Laudon, J.P., *Management Information Systems – Managing the Digital Firm*, 13th Ed., Pearson Publisher, ISBN-10: 0132142856

Learning and Teaching

INFOSYS 323 is offered in Semester 1 at City Campus.

Weekly time requirements:

(1) 3 hours lectures (lectures and tutorials together)
(2) 6 hours study (for an average student)

Teaching Staff:

Name: Dr. Jonathan Hua Ye
E-mail: Jonathan.ye@auckland.ac.nz
Office Hour – TBA

Assessment

Coursework will count for 50% of the grades for this course and the final examination for another 50%. Students are advised that to pass this paper a **pass in both** the coursework and the exam are required, i.e. they need to have an overall average mark (0.5 x coursework % + 0.5 x examination %) of 50%.

The assessment portfolio and weightings are shown below.

1. Mid Term Test   15%
2. Individual Assignment 15%
3. Group Assignment   20%
4. Final Exam   50%
                          100%

Learning Outcome	Mid Term Test	Individual Assignment	Group Assignment	Final Exam
1	X	X	X	X
2	X	X	X	X
3	X	X	X	X
4		X	X	X
5	X	X		X
6			X	

Note taking

Students are required to take lecture notes. The slides are designed so that rather than provide a complete and organised summary, the learning outcomes of the session need to be assessed from the resources used and its delivery.

Miscellaneous Issues

    (1) Missed Exams: no make-up unless emergency
    (2) Late Submissions will not be accepted
    (3) Plagiarism: please acknowledge your sources for assignments. No plagiarism.

Inclusive Learning

Students are urged to privately discuss any impairment-related requirements in person and/or in written form with the course convener/lecturer and/or tutor.

Student Feedback

Student feedback is regularly sought in this course and is used to improve the course. Such feedback is welcomed at all times throughout the semester and also through the evaluations that will be conducted at the end of the semester. Students should feel confident to approach either the lecturer or the class rep with any issues or questions that they have.