Module specification

1. Factual information

Module title	**TM291: Management Information System**	**Level**	**2**
Module tutor	TBD	**Credit value**	**10**
Module type	Taught	**Notional learning hours**	**3**

2. Rationale for the module and its links with other modules

This module introduces the use and relevance of information systems to managers and enterprises. Rather than providing an in depth technological treatment of information systems, this module prepares students as future managers to assess the impact of information systems on a particular enterprise. This module also introduces students to a range of skills required to manage information systems projects. It explores current Information Systems concepts and technologies. Students learn how information systems give a business or organization a competitive edge by providing technologies that help managers to plan, control and make decisions.

3. Aims of the module

Aspects of business that were once seen in isolation – the people, organisation, process, information and technology – are now expected to operate as part of a seamless whole, both within and across enterprises. Information systems managers are responsible for delivering this seamless integration efficiency. This module aims to:
1. Explain basic concepts for IT/IS management
2. Discuss organizational, business and strategic issues surrounding IT/IS, and
3. Analyse and evaluate uses of strategic IT/IS in practice.

4. Pre-requisite modules or specified entry requirements

TM105 & BUS110

5. Intended learning outcomes	
A. Knowledge and understanding	**Learning and teaching strategy**
Upon completing this module, students should be able to: **A1.** Define information, strategy and customer-facing (user-centred) design theories. **A2.** Compare the impact of different types of information technologies and systems in the enterprise and competitive environment. **A3.** Select information systems as a basis for sustainable competitive advantage. **A4.** Identify the issues that must be addressed in managing information systems projects and processes across various boundaries (organisational, cultural, legal and geographical). **A5.** Describe the life cycle methodologies and methods involved in developing and managing information systems in a global competitive environment.	• This module is delivered through a series of structured lectures, tutorials and workshops; these comprise group/individual presentations, videos, discussions, computer lab sessions, and guided reading. Lecture slides and notes are made available on Moodle. Students are expected to make their own notes during lectures as part of their learning activity. • The different Learning outcomes are covered in the study materials which are covered during the face-to-face meetings. • The LOs will be assessed through a number of formative and summative assessments o Formative assessments include activities within module components; Activities are designed to enable students to apply the concepts that have been taught, or to explore issues that extend students' knowledge and skills. These frequently involve reading parts of the module book or other documents. Some of the activities are done during the module meetings and others are done at students' own time and discussed with each other's and the module tutor during the module meetings. Formative assessments are also in the form of feedback on the tutor marked assignment (TMA) provided by the module tutor. • Summative assessments in the form of continuous assessment provided by the midterm assessment (MTA) and the tutor marked assessment (TMA) and the final exam

B. Cognitive skills	Learning and teaching strategy
Upon completing this module, students should be able to: **B1.** Demonstrate a conceptual grasp of information, strategy and user-centred (customer-facing) design theories. **B2.** Distinguish between different types of information systems and recognise enterprise-wide, innovative methods of reducing costs and improving service through management information systems. **B3.** Compare and contrast the implications on the efficiency and effectiveness of different IT competitive strategies and their sustainability in the long term.	The module blocks include a number of activities that provides students with the mentioned cognitive skills and at the same time constitute a formative assessment of these skills. In addition, the TMA assesses and validates the cognitive skills related learning outcomes (LOs). The other assessments (MTA and Final exam) are also means for validation of the LOs.

C. Practical and professional skills	Learning and teaching strategy
Upon completing this module, students should be able to: **C1.** Reflect, analyse and interpret information on contemporary information systems management issues. **C2.** Debate controversial issues relating to information systems deployment in organisations.	• The module material exposes students to real world examples of applications of communication technologies. These examples are analyzed and discussed as part of the module activities during the face-to-face meetings (some of them are done at student's own time but discussed during the tutorial sessions). The practical and professional skills are mainly assessed in the TMA, where students apply the taught concepts by writing short report/essay discussing the applications of communications technology.

D Key transferable skills	Learning and teaching strategy
Upon completing this module, students should be able to: **D1.** Develop skills to effectively participate in a group. **D2.** Synthesise data and use application of concepts from other modules. **D3.** Improve case analysis skills.	• Some of the module activities require students to do scientific search to collect, assess and synthesize information from various reliable resources (research articles, magazine articles, etc.). These activities are mainly done at student's own time but under the guidance of the module tutor. • The transferrable skills are mainly assessed in the TMA (formative and summative).

6. Indicative content.

1. Introduction to information systems and technology
2. Brief history of information
3. Concepts behind information systems
4. Overview of the potential business benefits and social impacts of communications technology
5. Databases, strategic information systems, management information systems and operational information systems
6. Potential impact of information systems on managerial and strategic thinking
7. Porter's five forces
8. Changes in the competitive business landscape due to the development of information systems
9. Explore professional, ethical and social issues
10. Project management issues
11. Security issues
12. The system life cycle.

7. Assessment strategy, assessment methods and their relative weightings

MTA 30%
TMA 20%
Final exam 50 %

8. Mapping of assessment tasks to learning outcomes

Assessment tasks	Learning outcomes												
	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	D1	D2	D3
TMA'S	✓		✓		✓	✓			✓	✓		✓	
MTA	✓	✓		✓		✓	✓				✓		
End of Semester Exam	✓			✓	✓			✓	✓	✓	✓	✓	✓

9. Teaching staff associated with the module

Name and contact details

TBD

10. Key reading list

Author	Year	Title	Publisher	Location
REILLY RALPH, UMA GUPTA	2015	An Introduction to Management Information Systems	Kendall Hunt Publishing ISBN-10: 1465279598	

11. Other indicative text (e.g. websites)

http://arabou.edu.kw/