# FIT3019
# Information systems management

# Unit Guide

# Semester 2, 2011

The information contained in this unit guide is correct at time of publication. The University has the right to change any of the elements contained in this document at any time.

*Last updated: 22 Aug 2011*

# Table of Contents

# FIT3019 Information systems management - Semester 2, 2011

This unit provides students with an understanding of the management issues surrounding information technology (IT), the knowledge of management functions and responsibilities necessary for IT managers, and the knowledge to apply IT management principles in the organisational environment. Main topics include: Information Systems, Management, Managing Essential Technologies, Managing System Development, Managing New Technologies, Acquisition of Hardware, Software, Networks, and Services People and Technology

## Mode of Delivery

- Gippsland (Day)
- Gippsland (Off-campus)
- South Africa (Day)

## Contact Hours

2 hrs lectures/wk, 2 hrs tutorials/wk

## Workload

For on-campus students, workload commitments are:

- two-hour lecture and
- two-hour tutorial (requiring advance preparation)
- a minimum of 2-3 hours of personal study per one hour of contact time in order to satisfy the reading and assignment expectations.

Off-campus students generally do not attend lecture and tutorial sessions, however, you should plan to spend equivalent time working through the relevant resources and participating in discussion groups each week.

## Unit Relationships

### Prohibitions

GCO3816, IMS3002

### Prerequisites

FIT2005 or FIT2027

## Chief Examiner

**Dr Joarder Kamruzzaman**

# Campus Lecturer

## Gippsland

**Joarder Kamruzzaman**

## South Africa

**Oladayo Bello**

# Academic Overview

## Learning Objectives

At the completion of this unit students will have -
A knowledge and understanding of:

- the relationship between IT and organisational management and current trends in IT and IT management;
- operational management requirements of a system and their inter-relationships;
- evaluating the philosophies and processes behind IT resourcing.

Developed attitudes that enable them to:

- consider ethical issues in IT and IT management.

Developed the skills to:

- access resource management strategies and applying these in case studies;
- identify the processes and potential problems involved in IS development and IT planning.

## Graduate Attributes

Monash prepares its graduates to be:

1. responsible and effective global citizens who:

a. engage in an internationalised world
b. exhibit cross-cultural competence
c. demonstrate ethical values

critical and creative scholars who:

a. produce innovative solutions to problems
b. apply research skills to a range of challenges
c. communicate perceptively and effectively

## Assessment Summary

Examination (3 hours): 50%; In-semester assessment: 50%

| Assessment Task | Value | Due Date |
|---|---|---|
| Assignment 1 | 20% | 2 September 2011, midnight |
| Assignment 2 | 30% | 14 October 2011, midnight |
| Examination 1 | 50% | To be advised |

# Teaching Approach

## Lecture and tutorials or problem classes

This teaching and learning approach provides facilitated learning, practical exploration and peer learning

# Feedback

## Our feedback to You

Types of feedback you can expect to receive in this unit are:

- Graded assignments with comments
- Solutions to tutes, labs and assignments

## Your feedback to Us

Monash is committed to excellence in education and regularly seeks feedback from students, employers and staff. One of the key formal ways students have to provide feedback is through SETU, Student Evaluation of Teacher and Unit. The University's student evaluation policy requires that every unit is evaluated each year. Students are strongly encouraged to complete the surveys. The feedback is anonymous and provides the Faculty with evidence of aspects that students are satisfied and areas for improvement.

For more information on Monash's educational strategy, and on student evaluations, see:
http://www.monash.edu.au/about/monash-directions/directions.html
http://www.policy.monash.edu/policy-bank/academic/education/quality/student-evaluation-policy.html

# Previous Student Evaluations of this unit

If you wish to view how previous students rated this unit, please go to
https://emuapps.monash.edu.au/unitevaluations/index.jsp

# Required Resources

Prescribed textbook:

Information Systems Management in Practice, 8th edition, by Barbara C. McNurlin, Ralph H. Sprague, Jr. and Tung Bui. Pearson International Edition, (ISBN-13: 978-0-13-157951-4, ISBN-10: 0-13-157951-7)

Study guides will be provided for students.

# Examination material or equipment

You are permitted to bring in the following study materials for the exam:

- prescribed text
- study guides
- lecture notes

# Unit Schedule

| Week | Activities | Assessment |
|------|-----------|------------|
| 0 | | No formal assessment or activities are undertaken in week 0 |
| 1 | Information Systems Management - Ch 1 of textbook | |
| 2 | Information Systems Management - Ch 2 & 3 of textbook | |
| 3 | Information Systems Management - Ch 4 of textbook | |
| 4 | Managing Essential Technologies - Ch 5 of textbook | |
| 5 | Managing Essential Technologies - Ch 6 & 7 of textbook | |
| 6 | Managing Essential Technologies - Ch 7, 8 & 11 textbook | Assignment 1 due 2 September 2011, midnight |
| 7 | Managing System Development - Ch 9 of textbook | |
| 8 | Managing System Development - Ch 10 of textbook | |
| 9 | Systems for Supporting Knowledge Work - Ch 12 & 13 of textbook | |
| 10 | Systems for Supporting Knowledge Work - Ch 13 & 14 of textbook | |
| 11 | Acquisition of Hardware, Software, Networks, and Services - Reading materials on unit website | Assignment 2 due 14 October 2011, midnight |
| 12 | People and Technology - Ch 15 of textbook | |
| | SWOT VAC | No formal assessment is undertaken SWOT VAC |
| | Examination period | LINK to Assessment Policy: http://policy.monash.edu.au/policy-bank/academic/education/assessment/assessment-in-coursework-policy.html |

*Unit Schedule details will be maintained and communicated to you via your MUSO (Blackboard or Moodle) learning system.

# Assessment Requirements

## Assessment Policy

To pass a unit which includes an examination as part of the assessment a student must obtain:

- 40% or more in the unit's examination, and
- 40% or more in the unit's total non-examination assessment, and
- an overall unit mark of 50% or more.

If a student does not achieve 40% or more in the unit examination or the unit non-examination total assessment, and the total mark for the unit is greater than 50% then a mark of no greater than 49-N will be recorded for the unit

## Assessment Tasks

## Participation

- **Assessment task 1**

  **Title:**
  Assignment 1
  **Description:**
  This assignment tests students' understanding of strategic adoption of IT for electronic commerce implementation in organisations and CIOs' role in those strategic changes. It consists of case-study-based questions and essays. It will mainly focus on materials covered in study guides 1 and 2.
  **Weighting:**
  20%
  **Criteria for assessment:**

  1. Correctness and understanding - there may be more than one "right" answer in many cases. We will look for answers that reflect understanding of the underlying principles and theories which are covered in this unit.
  2. Completeness - that you have answered all parts of each question.
  3. Presentation - that you have presented your answers in a suitably structured style.
  4. Use of evidence and argument - you are able to explain your position by using logical arguments drawing on the theory presented in the unit.  Examples from case studies should also be used as evidence.

  A document stating how you can gauge the quality of your assessment will be released on the unit website.
  **Due date:**
  2 September 2011, midnight

- **Assessment task 2**

  **Title:**
  Assignment 2
  **Description:**
  This assignment tests students' understanding of a number IT practices in big organisations. e.g, outsourcing, system integration, management practices, human

capital, etc. It consists of case-study-based questions and essays. It will mainly focus on materials covered in study guides 3 to 6.

**Weighting:**

30%

**Criteria for assessment:**

1. Correctness and understanding - there may be more than one "right" answer in many cases. We will look for answers that reflect understanding of the underlying principles and theories which are covered in this unit.
2. Completeness - that you have answered all parts of each question.
3. Presentation - that you have presented your answers in a suitably structured style.
4. Use of evidence and argument - you are able to explain your position by using logical arguments drawing on the theory presented in the unit.  Examples from case studies should also be used as evidence.

A document stating how you can gauge the quality of your assessment will be released on the unit website.

**Due date:**

14 October 2011, midnight

# Examinations

- **Examination 1**

**Weighting:**

50%

**Length:**

3 hours

**Type (open/closed book):**

Open book

**Electronic devices allowed in the exam:**

None

# Assignment submission

It is a University requirement (http://www.policy.monash.edu/policy-bank/academic/education/conduct/plagiarism-procedures.html) for students to submit an assignment coversheet for each assessment item. Faculty Assignment coversheets can be found at http://www.infotech.monash.edu.au/resources/student/forms/. Please check with your Lecturer on the submission method for your assignment coversheet (e.g. attach a file to the online assignment submission, hand-in a hard copy, or use an online quiz).

# Extensions and penalties

Submission must be made by the due date otherwise penalties will be enforced.

You must negotiate any extensions formally with your campus unit leader via the in-semester special consideration process: http://www.infotech.monash.edu.au/resources/student/equity/special-consideration.html.

# Returning assignments

Students can expect assignments to be returned within two weeks of the submission date or after receipt, whichever is later

# Other Information

## Policies

Monash has educational policies, procedures and guidelines, which are designed to ensure that staff and students are aware of the University's academic standards, and to provide advice on how they might uphold them. You can find Monash's Education Policies at:
http://policy.monash.edu.au/policy-bank/academic/education/index.html

Key educational policies include:

- Plagiarism
  (http://www.policy.monash.edu/policy-bank/academic/education/conduct/plagiarism-policy.html)
- Assessment
  (http://www.policy.monash.edu/policy-bank/academic/education/assessment/assessment-in-coursework-po
- Special Consideration
  (http://www.policy.monash.edu/policy-bank/academic/education/assessment/special-consideration-policy.h
- Grading Scale
  (http://www.policy.monash.edu/policy-bank/academic/education/assessment/grading-scale-policy.html)
- Discipline: Student Policy
  (http://www.policy.monash.edu/policy-bank/academic/education/conduct/student-discipline-policy.html)
- Academic Calendar and Semesters (http://www.monash.edu.au/students/key-dates/);
- Orientation and Transition (http://www.infotech.monash.edu.au/resources/student/orientation/);
  and
- Academic and Administrative Complaints and Grievances Policy
  (http://www.policy.monash.edu/policy-bank/academic/education/management/complaints-grievance-policy.
- Codes of Practice for Teaching and Learning
  (http://www.policy.monash.edu.au/policy-bank/academic/education/conduct/suppdocs/code-of-practice-tea

## Student services

The University provides many different kinds of support services for you. Contact your tutor if you need advice and see the range of services available at www.monash.edu.au/students The Monash University Library provides a range of services and resources that enable you to save time and be more effective in your learning and research. Go to http://www.lib.monash.edu.au or the library tab in my.monash portal for more information. Students who have a disability or medical condition are welcome to contact the Disability Liaison Unit to discuss academic support services. Disability Liaison Officers (DLOs) visit all Victorian campuses on a regular basis

- Website: http://adm.monash.edu/sss/equity-diversity/disability-liaison/index.html;
- Telephone: 03 9905 5704 to book an appointment with a DLO;
- Email: dlu@monash.edu
- Drop In: Equity and Diversity Centre, Level 1 Gallery Building (Building 55), Monash University, Clayton Campus.

**Reading list**

Prescribed textbook:

Information Systems Management in Practice, 8th edition, by Barbara C. McNurlin, Ralph H. Sprague, Jr. and Tung Bui. Pearson International Edition, (ISBN-13: 978-0-13-157951-4, ISBN-10: 0-13-157951-7)

Other Information

Recommended textbooks:

Turban, E., Dorothy, L., McLean, E., and Wetherbe, J., Information Technology for Management: Transforming Organizations in the Digital Economy, John Wiley, (6th edition), 2008 (ISBN: 978-0-471-78712-9)

Oz, E., Management Information Systems, Thomson Course Technology, (6th edition), 2009 (ISBN: 978-4239-0178-5)