

The last date for assessment is 31 December 2014

## PRESCRIPTION: 655 INFORMATION SYSTEMS MANAGEMENT

This prescription replaces prescription 255 *Information Management*.

### ELECTIVE PRESCRIPTION

**LEVEL** 6

**CREDIT** 20

**VERSION** 1

**INTRODUCED** 2007

**AIM** Students will demonstrate understanding of information systems and their effective management, and use information technologies to enhance business processes and contribute to achievement of organisational goals.

**PREREQUISITES** Recommended 550 *Business Computing* or equivalent knowledge and skills.

### ASSESSMENT WEIGHTINGS

Learning outcomes	Assessment weighting %
1. Students will explain the nature of information systems and analyse their role in supporting business operations and performance.	25
2. Students will describe, and evaluate the effectiveness of, strategies relating to managing information systems in an organisation.	20
3. Students will use information technologies to enhance information flows, decision making and productivity in a business context.	30
4. Students will investigate an information management issue and recommend a workable systems solution consistent with organisational goals and available resources.	25
<b>TOTAL</b>	<b>100%</b>

All learning outcomes must be evidenced; a 10% aggregate variance is allowed.

## ASSESSMENT NOTES

1. Assessment materials should reflect relevant and current legislation, standards, regulations and acknowledged good industry/business practices.
2. Students' evidence must reflect investigation and analysis of current issues and practice, and awareness of new developments.
3. Students will be expected to demonstrate a high level of problem-solving skills and, for learning outcome four, provide evidence of appropriate communication in developing a solution.
4. For learning outcome two, evaluation of the effectiveness of strategies will include consideration of user involvement.
5. Students will demonstrate familiarity with the use of information technologies to facilitate business processes.

## LEARNING OUTCOME ONE

Students will explain the nature of information systems and analyse their role in supporting business operations and performance.

### *Key elements*

- a) Effect of information technology on communication.
- b) Role of organisational structures in communication and information flow.
- c) Interrelationships between different information systems in an organisation:
  - types of information systems
  - advantages and disadvantages of systems integration.
- d) Role of emerging technologies:
  - catalyst and facilitator for change
  - competitive advantage.

## LEARNING OUTCOME TWO

Students will describe, and evaluate the effectiveness of, strategies relating to managing information systems in an organisation.

### *Key elements*

- a) Change management strategies.
- b) People management strategies.
- c) Risk management strategies:
  - disaster recovery
  - maintaining data integrity
  - security issues.

### **LEARNING OUTCOME THREE**

Students will use information technologies to enhance information flows, decision making and productivity in a business context.

*Key elements*

- a) At least **two** applications such as:
  - scheduling software
  - presentation software
  - groupware
  - internet/intranet software tools
  - multimedia packages.

### **LEARNING OUTCOME FOUR**

Students will investigate an information management issue and recommend a workable systems solution consistent with organisational goals and available resources.

*Key elements*

- a) Issue analysis.
- b) Evaluation of options.
- c) Recommendation(s), including justification.
- d) Presentation of findings.