



# COIT20274 *Information Systems for Business* **Professionals** Term 3 - 2017

Profile information current as at 27/04/2024 06:30 pm

All details in this unit profile for COIT20274 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

## General Information

### Overview

On completion of this unit you should be able to demonstrate knowledge of the concepts relating to the management and organisational use of computer-based information systems. You will study the management of information systems and their use in contemporary settings. This provides you with the knowledge and skills needed to apply an analytical perspective to the strategic use of information systems based on a thorough overview of theory and contemporary practice. This is achieved through researching current literature, and applying the knowledge to case studies. The unit fosters independent thought and inquiry to enable you to evaluate different types of information systems and the roles that they play in today's business environment. Note: If you have completed unit COIS20024 then you cannot take this unit.

### Details

Career Level: *Postgraduate*

Unit Level: *Level 8*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

There are no requisites for this unit.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

### Offerings For Term 3 - 2017

- Brisbane
- Distance
- Melbourne
- Sydney

### Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

### Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

## Class and Assessment Overview

### Recommended Student Time Commitment

Each 6-credit Postgraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

### Class Timetable

#### [Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

#### [Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

### Assessment Overview

#### 1. **Practical and Written Assessment**

Weighting: 15%

#### 2. **Written Assessment**

Weighting: 35%

#### 3. **Examination**

Weighting: 50%

### Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

## CQUniversity Policies

**All University policies are available on the [CQUniversity Policy site](#).**

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

## Previous Student Feedback

### Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

#### Feedback from Student feedback

**Feedback**

Linkage between Business and Information Systems were well demonstrated in this course.

**Recommendation**

This area with strength should be well maintained. Importance and value of studying Information Systems should continually be explored, with good engagement for students.

#### Feedback from Student feedback

**Feedback**

There are varied opinions regarding the scope and depth of this course.

**Recommendation**

It is a challenge in offering a reasonable overview on information systems for students with a very varied related background. The teaching team will continue to maintain a good balance in the scope of topics and depth of technical details, supported by current applications from industry. Search is underway to identify a more updated textbook with suitable approach for business students.

## Unit Learning Outcomes

**On successful completion of this unit, you will be able to:**

1. Explain the foundational concepts and terminology relating to computerised information systems
2. Describe the information technologies used in computerised information systems.
3. Distinguish between various types of information systems and their applications.
4. Analyse organisational experiences and strategic use of information systems through case studies.
5. Evaluate approaches used in managing information systems.
6. Prepare a business report that utilises basic research skills to compare and contrast different options for information systems in a simulated business environment or case study.

Australian Computer Society (ACS) recognises the Skills Framework for the Information Age (SFIA). SFIA is in use in over 100 countries and provides a widely used and consistent definition of ICT skills. SFIA is increasingly being used when developing job descriptions and role profiles.

ACS members can use the tool MySFIA to build a skills profile at

<https://www.acs.org.au/professionalrecognition/mysfia-b2c.html>

This unit contributes to the following workplace skills as defined by SFIA. The SFIA code is included:

- IT Governance (GOVN)
- Information Systems Coordination (ISCO)
- Emerging Technology Monitoring (EMRG)
- Solution Architecture (ARCH)
- Data Management (DATM)
- Systems Design (DESN)
- Systems Integration (SINT)
- IT Management (ITMG)
- System Software (SYSP).

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

| Assessment Tasks                           | Learning Outcomes |   |   |   |   |   |
|--|-------------------|---|---|---|---|---|
|  | 1                 | 2 | 3 | 4 | 5 | 6 |
| 1 - Practical and Written Assessment - 15% |                   |   |   |   |   | • |
| 2 - Written Assessment - 35%               | •                 |   | • | • | • | • |
| 3 - Examination - 50%                      | •                 | • | • | • |   |   |

### Alignment of Graduate Attributes to Learning Outcomes

| Graduate Attributes                                | Learning Outcomes |   |   |   |   |   |
|--|-------------------|---|---|---|---|---|
|  | 1                 | 2 | 3 | 4 | 5 | 6 |
| 1 - Knowledge                                      |                   | ◦ | ◦ | ◦ |   | ◦ |
| 2 - Communication                                  |                   |   |   | ◦ |   | ◦ |
| 3 - Cognitive, technical and creative skills       |                   | ◦ | ◦ | ◦ | ◦ |   |
| 4 - Research                                       |                   |   |   | ◦ |   | ◦ |
| 5 - Self-management                                |                   |   |   |   |   |   |
| 6 - Ethical and Professional Responsibility        |                   |   |   |   | ◦ |   |
| 7 - Leadership                                     |                   |   |   |   |   |   |
| 8 - Aboriginal and Torres Strait Islander Cultures |                   |   |   |   |   |   |

### Alignment of Assessment Tasks to Graduate Attributes

| Assessment Tasks                           | Graduate Attributes |   |   |   |   |   |   |   |
|--|---------------------|---|---|---|---|---|---|---|
|  | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 - Practical and Written Assessment - 15% | ◦                   | ◦ |   | ◦ |   |   |   |   |
| 2 - Written Assessment - 35%               | ◦                   | ◦ |   | ◦ |   |   |   |   |
| 3 - Examination - 50%                      | ◦                   | ◦ |   |   |   |   |   |   |

## Textbooks and Resources

### Textbooks

COIT20274

#### Prescribed

##### Management Information Systems

Edition: 10e (2011)

Authors: James A. O'Brien & George M. Marakas

McGraw-Hill

New York, NY, USA

Binding: Hardcover

#### Additional Textbook Information

**An e-book version of this textbook may be available. For more information, contact the CQU Bookshop (see <http://bookshop.cqu.edu.au/texts.asp>)**

[View textbooks at the CQUniversity Bookshop](#)

### IT Resources

**You will need access to the following IT resources:**

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

## Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

## Teaching Contacts

**Rajesh Sarin** Unit Coordinator

[r.sarin@cqu.edu.au](mailto:r.sarin@cqu.edu.au)

## Schedule

### Week 1 - 06 Nov 2017

| Module/Topic                             | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Foundations of IS, and Competing with IT | 1 & 2   |                              |

### Week 2 - 13 Nov 2017

| Module/Topic                   | Chapter | Events and Submissions/Topic |
|--------------------------------|---------|------------------------------|
| Computer Hardware and Software | 3 & 4   |                              |

### Week 3 - 20 Nov 2017

| Module/Topic             | Chapter | Events and Submissions/Topic |
|--------------------------|---------|------------------------------|
| Data Resource Management | 5       |                              |

### Week 4 - 27 Nov 2017

| Module/Topic | Chapter | Events and Submissions/Topic |
|--------------|---------|------------------------------|
|--------------|---------|------------------------------|

Telecommunications and Networks 6

**Practical and Written Assessment**  
Due: Week 4 Friday (1 Dec 2017) 8:00 pm AEST

#### **Vacation Week - 04 Dec 2017**

| Module/Topic         | Chapter | Events and Submissions/Topic |
|----------------------|---------|------------------------------|
| -- MID-TERM BREAK -- |         |                              |

#### **Week 5 - 11 Dec 2017**

| Module/Topic                      | Chapter | Events and Submissions/Topic |
|-----------------------------------|---------|------------------------------|
| e-Business and e-Commerce Systems | 7 & 9   |                              |

#### **Week 6 - 18 Dec 2017**

| Module/Topic                | Chapter | Events and Submissions/Topic |
|-----------------------------|---------|------------------------------|
| Enterprise Business Systems | 8       |                              |

#### **Week 7 - 01 Jan 2018**

| Module/Topic               | Chapter | Events and Submissions/Topic |
|----------------------------|---------|------------------------------|
| Supporting Decision Making | 10      |                              |

#### **Week 8 - 08 Jan 2018**

| Module/Topic                                    | Chapter | Events and Submissions/Topic |
|---|---------|------------------------------|
| Developing Business/IT Strategies and Solutions | 11 & 12 |                              |

#### **Week 9 - 15 Jan 2018**

| Module/Topic                    | Chapter | Events and Submissions/Topic |
|---------------------------------|---------|------------------------------|
| Security and Ethical Challenges | 13      |                              |

#### **Week 10 - 22 Jan 2018**

| Module/Topic            | Chapter | Events and Submissions/Topic   |
|-------------------------|---------|--|
| Assignment consultation | -       | <b>Written Assessment</b> Due: Week 10 Thursday (25 Jan 2018) 8:00 pm AEST |

#### **Week 11 - 29 Jan 2018**

| Module/Topic                           | Chapter | Events and Submissions/Topic |
|--|---------|------------------------------|
| Enterprise and Global Management of IT | 14      |                              |

#### **Week 12 - 05 Feb 2018**

| Module/Topic       | Chapter | Events and Submissions/Topic |
|--------------------|---------|------------------------------|
| Unit & Exam Review |         |                              |

#### **Review/Exam Week - 12 Feb 2018**

| Module/Topic | Chapter | Events and Submissions/Topic |
|--------------|---------|------------------------------|
|--------------|---------|------------------------------|

#### **Exam Week - 12 Feb 2018**

| Module/Topic | Chapter | Events and Submissions/Topic |
|--------------|---------|------------------------------|
|--------------|---------|------------------------------|

## Term Specific Information

### **Unit Coordinator**

A/Prof Rajesh Sarin,  
CQUniversity, Level 21, 160 Ann Street, Brisbane, QLD 4000  
Phone: 07 3295 1141

## Assessment Tasks

### 1 Practical and Written Assessment

**Assessment Type**

Practical and Written Assessment

**Task Description**

Assignment 1 is a practical and written assessment task. In this assignment, you will demonstrate an ability to locate and research both scholarly and general references that will support your analysis and recommendations in Assignment 2. You need to identify six unique references that will help you to address the Case Study questions. You will present your references and justifications on the relevance, with proper referencing techniques. You must do this assignment on an individual basis. The detail requirements of Assignment 1, including the Case Study and questions, will be accessible from Moodle unit website from Monday of week one in this term.

**Assessment Due Date**

Week 4 Friday (1 Dec 2017) 8:00 pm AEST

Assignment 1 is due on week 4 Friday at 20:00 AEST.

**Return Date to Students**

Week 6 Friday (22 Dec 2017)

**Weighting**

15%

**Assessment Criteria**

In general, the assignment will be marked against the source, relevance, quality and age of the chosen references; report format compliance; and use of correct referencing conventions. A detailed marking template will be available along with the assignment details on the unit website.

**Referencing Style**

- [Harvard \(author-date\)](#)

**Submission**

Online

**Learning Outcomes Assessed**

- Prepare a business report that utilises basic research skills to compare and contrast different options for information systems in a simulated business environment or case study.

**Graduate Attributes**

- Knowledge
- Communication
- Research

### 2 Written Assessment

**Assessment Type**

Written Assessment

**Task Description**

Assignment 2 is a written assessment task to prepare a non-technical report. In this assignment, you will demonstrate an ability to analyse a Case Study, and to present sound arguments showing decision-making and evaluative skills, and application of theories / models based on the unit content and further research to address the Case Study questions.

You will also demonstrate an ability to research and use the references found in Assignment 1, plus references from further research. You may work on this assignment on an individual basis, or in a group of up to three students.

The detailed requirements of Assignment 2 will be accessible from Moodle unit website from Monday of week one in this term.

**Assessment Due Date**

Week 10 Thursday (25 Jan 2018) 8:00 pm AEST  
Assignment 2 is due on week 10 Thursday at 20:00 AEST.

**Return Date to Students**

Week 12 Friday (9 Feb 2018)

**Weighting**

35%

**Assessment Criteria**

In general, the assignment will be marked against the quality of the answers given to the Case Study questions; compliance to required report components including using understandable English; and correct use of referencing conventions. A detailed marking template will be available along with the assignment details on the unit website.

**Referencing Style**

- [Harvard \(author-date\)](#)

**Submission**

Online

**Learning Outcomes Assessed**

- Explain the foundational concepts and terminology relating to computerised information systems
- Distinguish between various types of information systems and their applications.
- Analyse organisational experiences and strategic use of information systems through case studies.
- Evaluate approaches used in managing information systems.
- Prepare a business report that utilises basic research skills to compare and contrast different options for information systems in a simulated business environment or case study.

**Graduate Attributes**

- Knowledge
- Communication
- Research

## Examination

**Outline**

Complete an invigilated examination.

**Date**

During the examination period at a CQUniversity examination centre.

**Weighting**

50%

**Length**

180 minutes

**Exam Conditions**

Closed Book.

**Materials**

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).



## Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

### What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

### Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

### Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

### What can you do to act with integrity?



#### Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



#### Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



#### Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem