COIT20255 *ERP Systems Management*
Term 1 - 2022

Profile information current as at 20/05/2024 02:50 am

General Information

Overview

Enterprise Resource Planning (ERP) systems have become part of many businesses since the early 1990s. These systems encapsulate and support core business processes and decision making. Many organisations have acquired ERP technology. However, there are considerable risks associated with ERP implementation, maintenance and on-going use. In this unit, you will be provided an overview of enterprise systems and equipped with knowledge required to make informed decisions relating to the selection, adoption and implementation of ERP systems. You will be provided with several examples and case studies to illustrate the benefits ERP systems offer.

Details

Career Level: *Postgraduate*
Unit Level: *Level 9*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites

Pre-requisites: COIT20250, COIT20252 and COIT20246Anti-requisite: COIT20230
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 1 - 2022

No offerings for COIT20255

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

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 evaluations

Feedback

Students enjoyed the practical nature of the unit with Odoo and SAGE ERP and would like even more ERP tool activities.

Recommendation

Creating additional tutorials on ERP modules would improve students' understanding of how they can capitalise on an ERP system investment.

Feedback from Self-reflection

Feedback

While the written case studies provide practical examples, videos or presentations from industry practitioners would help students connect what they learn with industry practice.

Recommendation

To enhance learning resources with videos of stories from vendors of ERP systems, industry practitioners and the ERP user community.

Feedback from Self-reflection

Feedback

It is inconvenient to look up each tutorial question in the textbook.

Recommendation

Revise tutorial questions to allow students to complete tasks without the textbook.

Unit Learning Outcomes

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

1. Examine the role of ERP Systems in organisations, their adoption and use characteristics
2. Critically analyse organisational environment to develop arguments for ERP selection and implementation
3. Critically assess risk factors associated with an ERP implementation project, and the alternatives for managing risks
4. Assess the importance of training and change management during an ERP implementation
5. Report relevant critical success factors and best practices in an ERP adoption and implementation
6. Justify ways in which an organisation can capitalise on, and maximise its ERP investment.

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:

- Emerging Technology Monitoring (EMRG)
- Systems Integration (SINT)
- Change Management (CHMG)
- Problem Management (PBMG)
- Technical Specialism (TECH)
- Requirements Definition and Management (REQM)
- Analytics (INAN)
- Business Analysis (BUAN)
- Database/Repository Design (DBDS)
- Systems Installation/Decommissioning (HSIN)

Alignment of Learning Outcomes, Assessment and Graduate Attributes

— N/A Level · Introductory Level · Intermediate Level · Graduate Level ○ Professional Level ○ Advanced Level

Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes					
	1	2	3	4	5	6
1 - Portfolio - 20%	●					
2 - Written Assessment - 20%	●	●				
3 - Presentation - 20%		●	●	●	●	●
4 - Written Assessment - 40%			●	●	●	●

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 - Portfolio - 20%	○	○	○	○				
2 - Written Assessment - 20%	○	○	○	○		○		
3 - Presentation - 20%	○	○	○	○		○		

Assessment Tasks	Graduate Attributes							
	1	2	3	4	5	6	7	8
4 - Written Assessment - 40%	○	○	○	○	○	○	○	

Textbooks and Resources

Textbooks
COIT20255

Prescribed

Enterprise Systems for Management
Edition: 2nd (2012)
Authors: Luvai Motiwalla and Jeffrey Thompson
Pearson
New Jersey , New Jersey , USA
ISBN: 13: 978-0-13-214576-3
Binding: eBook

Additional Textbook Information
This book is an eBook only. Check your Moodle site for the link to the text.

IT Resources

You will need access to the following IT resources:

Referencing Style

Information for Referencing Style has not been released yet.
This unit profile has not yet been finalised.

Teaching Contacts

Information for Teaching Contacts has not been released yet.
This unit profile has not yet been finalised.

Assessment Tasks

Information for Assessment Tasks has not been released yet.
This unit profile has not yet been finalised.

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.