



COIT13231 Enterprise Analysis and Modelling

Term 1 - 2023

Profile information current as at 05/10/2023 09:26 am

All details in this unit profile for COIT13231 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

This unit introduces you to a high-level view of enterprise analysis with an emphasis on gathering stakeholder requirements for analysing and proposing the requirement specifications for an enterprise system. You will use tools and techniques that model the stakeholder requirements and analysis stages.

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Prerequisite: COIS12073 and COIT12203

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 - 2023

- Brisbane
- Melbourne
- Online
- Rockhampton
- 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 Undergraduate 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. **Written Assessment**

Weighting: 30%

2. **Online Quiz(zes)**

Weighting: 20%

3. **Written Assessment**

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 Unit Coordinator self-reflection

Feedback

Software tools would help students to complete enterprise analysis activities.

Recommendation

Explore software tools to create automated workflows and complete enterprise analysis activities.

Feedback from Student evaluation

Feedback

The ePortfolio assessment has too many submissions and takes away time from the final assessment.

Recommendation

Reduce the number of ePortfolios in Assessment 1.

Unit Learning Outcomes

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

1. Compare and contrast general and conflicting organisation-specific technical issues in enterprise systems and organisational change
2. Identify critical situations and analyse the business needs of an organisation to develop appropriate computing strategies to address ill-defined situations
3. Evaluate alternative approaches to implement enterprise systems within an organisation
4. Develop innovative approaches for the implementation of enterprise systems based on contemporary practices
5. Apply enterprise analysis skills to identify and analyse the root causes of a given enterprise problem and develop recommendations
6. Work collaboratively and communicate effectively to report enterprise analysis specifications.

Australian Computer Society (ACS) recognises the Skills Framework for the Information Age (SFIA). SFIA is adopted by organisations, governments and individuals in many 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 7 (the SFIA code is included):

- Information Analysis (INAN)
- Research (RSCH)
- Emerging Technologies (EMRG)
- Business Analysis (BUAN)
- Systems Design (DESN)
- Requirements Definition and Management (REQM)
- Business Modelling (BSMO)
- Stakeholder and Relationship Management (RLMT)
- Change Management (CHMG)

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 - Written Assessment - 30% | • | | | • | • | • |
| 2 - Online Quiz(zes) - 20% | | • | • | | | |
| 3 - Written Assessment - 50% | • | • | • | • | • | • |

Alignment of Graduate Attributes to Learning Outcomes

| Graduate Attributes | Learning Outcomes | | | | | |
|---|-------------------|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 - Communication | • | • | • | • | • | • |
| 2 - Problem Solving | • | • | • | • | • | • |
| 3 - Critical Thinking | • | • | • | • | • | • |
| 4 - Information Literacy | • | • | | | • | |
| 5 - Team Work | • | | • | • | • | • |
| 6 - Information Technology Competence | | • | | | • | |
| 7 - Cross Cultural Competence | • | • | • | | • | • |
| 8 - Ethical practice | | | | • | • | • |
| 9 - Social Innovation | | | | | | • |
| 10 - 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 | 9 | 10 |
| 1 - Written Assessment - 30% | • | | • | • | | • | • | • | | |
| 2 - Online Quiz(zes) - 20% | • | | | • | | • | | | | |
| 3 - Written Assessment - 50% | • | • | • | • | • | • | • | | • | |

Textbooks and Resources

Textbooks

There are no required textbooks.

Additional Textbook Information

2 New prescribed textbooks introduced:

- Business Analysis Techniques, 3rd Edition 2021
By James Cadle, Debra Paul, Jonathan Hunsley, Adrian Reed, David Beckham, Paul Turne
- CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition
by Susan Weese, Terri Wagne - 2017

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Software: ADONIS Community Edition (Business Processing Modelling software)
<http://www.adonis-community.com/>
- Software: IHMC Cmap Tools <http://cmap.ihmc.us>

Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)
For further information, see the Assessment Tasks.

Teaching Contacts

Pethigamage Perera Unit Coordinator
k.l.perera@cqu.edu.au

Schedule

Week 1 - 06 Mar 2023

| Module/Topic | Chapter | Events and Submissions/Topic |
|--|--|------------------------------|
| The Enterprise Business Analyst - Foundation Concepts | Chapter 1: CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition 2017- Susan Weese, Terri Wagner | |

Week 2 - 13 Mar 2023

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

Strategic Context and Strategy Analysis

Chapter 1: Business Analysis Techniques, 3rd Edition 2021, By James Cadle, Debra Paul, Jonathan Hunsley, Adrian Reed, David Beckham, Paul Turner

Chapter 3: CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition 2017- Susan Weese, Terri Wagner

Week 3 - 20 Mar 2023

| Module/Topic | Chapter | Events and Submissions/Topic |
|---|---|--|
| Perspectives of the Business Analyst: - Agile | Chapter 9: CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition 2017- Susan Weese, Terri Wagner | Quiz 1 : Open Week 3 Monday 1pm closes Week 4 Thursday 1pm |

Week 4 - 27 Mar 2023

| Module/Topic | Chapter | Events and Submissions/Topic |
|---|---|--|
| Perspectives of the Business Analyst: BI and IT | Chapter 9: CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition 2017- Susan Weese, Terri Wagner • Business Intelligence and Information Technology | ePortfolio 1: Perspectives of the BA - Agile |

Week 5 - 03 Apr 2023

| Module/Topic | Chapter | Events and Submissions/Topic |
|--|--|---|
| Perspectives of the Business Analyst: BA and BPM | Chapter 9: CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition 2017- Susan Weese, Terri Wagner • Business Architecture and Business Process Management | Quiz 2: Open Week 5 Monday 1pm closes Week 6 Thursday 1pm ePortfolio 2: Perspectives of the Business Analyst : BI and IT |

Vacation Week - 10 Apr 2023

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

Week 6 - 17 Apr 2023

| Module/Topic | Chapter | Events and Submissions/Topic |
|-------------------------------------|--|------------------------------------|
| Stakeholder Analysis and Management | Chapter 8: Business Analysis Techniques, 3rd Edition 2021, By James Cadle, Debra Paul, Jonathan Hunsley, Adrian Reed, David Beckham, Paul Turner | ePortfolio 3: Stakeholder Analysis |

Week 7 - 24 Apr 2023

| Module/Topic | Chapter | Events and Submissions/Topic |
|--|---|---|
| Requirement analysis and Design Definition | Chapter 5: Business Analysis Techniques, 3rd Edition 2021, By James Cadle, Debra Paul, Jonathan Hunsley, Adrian Reed, David Beckham, Paul Turner Chapter 6: CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition 2017- Susan Weese, Terri Wagner | Quiz 3: Open Week 7 Monday 1pm closes Week 8 Thursday 1pm |

Week 8 - 01 May 2023

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

| | | |
|---------------------------------------|--|---|
| Elicitation And Collaboration | Chapter 5 : CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition 2017- Susan Weese, Terri Wagner | ePortfolio 4: Elicitation And Collaboration |
| Week 9 - 08 May 2023 | | |
| Module/Topic | Chapter | Events and Submissions/Topic |
| Solution Evaluation | Chapter 7: CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition 2017- Susan Weese, Terri Wagner | ePortfolio 5: Solution Evaluation |
| Week 10 - 15 May 2023 | | |
| Module/Topic | Chapter | Events and Submissions/Topic |
| Business Acceptance Testing | Chapter 6: Business Analysis Techniques, 3rd Edition 2021, By James Cadle, Debra Paul, Jonathan Hunsley, Adrian Reed, David Beckham, Paul Turner | Quiz 4: Open Week 10 Monday 1pm closes Week 11 Thursday 1pm |
| Week 11 - 22 May 2023 | | |
| Module/Topic | Chapter | Events and Submissions/Topic |
| Business Change Deployment | Chapter 7: Business Analysis Techniques, 3rd Edition 2021, By James Cadle, Debra Paul, Jonathan Hunsley, Adrian Reed, David Beckham, Paul Turner | |
| Week 12 - 29 May 2023 | | |
| Module/Topic | Chapter | Events and Submissions/Topic |
| Underlying Competencies | Chapter 8: CBAP / CCBA Certified Business Analysis Study Guide, 2nd Edition 2017- Susan Weese, Terri Wagner | Case Study Report Assessment |
| Review/Exam Week - 05 Jun 2023 | | |
| Module/Topic | Chapter | Events and Submissions/Topic |
| Exam Week - 12 Jun 2023 | | |
| Module/Topic | Chapter | Events and Submissions/Topic |

Term Specific Information

Unit Coordinator: Dr Pethigamage Lami Perera
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Assessment Tasks

1 ePortfolio

Assessment Type

Written Assessment

Task Description

This unit uses ePortfolio as a reflection process on your learning. For this assessment, you will use the PORTFOLIUM system, which is accessible via the Moodle unit site.

The purpose of this assessment task is for you to develop a portfolio reflecting your understanding of the unit's content.

As part of this assessment, you are required to maintain an online reflective portfolio for topics 4, 5, 6, 8 and 9. You need to read the relevant textbook chapter(s) or reading as listed in the weekly schedule, and complete your portfolio entry following the instructions provided on the Moodle unit website. Your portfolio is due on the Thursday of the week following the topic presentation, as per the schedule.

Each ePortfolio is worth 6 marks

You can complete your portfolios before the due dates but feedback will not be released until 2 weeks after the due date of each portfolio. Marks and feedback on your work will be returned to you via Moodle. No comment on your work will be posted on your portfolio for viewing by the general public.

Use the following titles for your portfolios. **Please refer to the unit's Moodle site for a detailed description of the task.**

ePortfolio Titles

Week 3 portfolio title: Adaptive Business Analyst

Week 4 portfolio title: Business Analyst Perspectives

Week 6 portfolio title: Stakeholder Analysis & Management

Week 8 portfolio title: Facilitation and Elicitation

Week 9 portfolio title: Analysis and Evaluation

Assessment Due Date

As per weekly schedule - Refer to dates provided on the Moodle unit website

Return Date to Students

Within two weeks of submission

Weighting

30%

Assessment Criteria

The marking criteria are based on:

- Knowledge & understanding of the topic as depicted by collection in the view
- Communication skills and information literacy as demonstrated by the discussion
- Technical literacy as demonstrated by the selection of items
- Discussion of appropriateness for inclusion in view
- References/citations included

Please refer to the unit's Moodle site for a detailed description of the assessment criteria.

Referencing Style

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

Submission

Online

Submission Instructions

via PORTFOLIUM and Moodle

Learning Outcomes Assessed

- Compare and contrast general and conflicting organisation-specific technical issues in enterprise systems and organisational change
- Develop innovative approaches for the implementation of enterprise systems based on contemporary practices
- Apply enterprise analysis skills to identify and analyse the root causes of a given enterprise problem and develop recommendations
- Work collaboratively and communicate effectively to report enterprise analysis specifications.

Graduate Attributes

- Communication
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Online Multiple Choice Quiz(zes)

Assessment Type

Online Quiz(zes)

Task Description

There will be four quizzes spread throughout the term. Each online quiz covers a particular week of the schedule and is due by 1pm on the Thursday of the following week.

Each Quiz is worth 5 Marks

Quiz 1: Week 3 Monday 1 pm closes Week 4 Thursday 1 PM

Quiz 2: Week 5 Monday 1 pm closes Week 6 Thursday 1 PM

Quiz 3: Week 7 Monday 1 pm closes Week 8 Thursday 1 PM

Quiz 4: Week 10 Monday 1 pm closes Week 11 Thursday 1 PM

All times shown are Australian Eastern Standard Time.

Please refer to the unit's Moodle site for a detailed description of the task.

Number of Quizzes

4

Frequency of Quizzes

Other

Assessment Due Date

As per weekly schedule - Refer to dates provided on the Moodle unit website

Return Date to Students

At close of quiz

Weighting

20%

Assessment Criteria

Each quiz is worth 5 marks and consists of 10 randomly selected questions and each question is worth 0.5%.

It is your responsibility to complete the online quiz by the time and date shown on the Moodle unit website.

Extensions to the submission dates are not possible. You are urged to do the quiz well ahead of the closing date to compensate for any technical difficulties you may encounter.

Please refer to the unit's Moodle site for a detailed description of the assessment criteria.

Referencing Style

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

Submission

Online

Submission Instructions

via Moodle

Learning Outcomes Assessed

- Identify critical situations and analyse the business needs of an organisation to develop appropriate computing strategies to address ill-defined situations
- Evaluate alternative approaches to implement enterprise systems within an organisation

Graduate Attributes

- Communication
- Information Literacy
- Information Technology Competence

3 Case Study Report

Assessment Type

Written Assessment

Task Description

You are required (Individual or as a group with two to four members) to write a report based on a given case study. In this assessment, you need to evaluate business systems and processes and propose innovative solutions for system improvement. You are required to demonstrate your analytical and requirements modelling skills to communicate your findings from the case study and other supporting literature.

The case study report will be presented in report format as per the details on the unit's Moodle site. In addition, your report should also contain a title page, headers and footers, executive summary, introduction and summary/conclusion of your evaluation.

Use headings and sub-headings as appropriate. Your report must include in-text citations and a correctly cited list of references ordered alphabetically by surname of the first author, in accordance with the Harvard style of referencing. Feel free to discuss your ideas with your student colleagues on the unit discussion forum or externally before coming up with your conclusions. It is advisable to use pictures, diagrams, and charts in presenting your ideas.

Please refer to the Moodle unit website for more details relating to the case study.

Note: Students should do this assessment as a group. However, if you have a genuine problem and are unable to participate in a group, please contact your campus lecturer or the unit coordinator by week 4.

Please refer to the unit's Moodle site for a detailed description of the task.

Assessment Due Date

Return Date to Students

On Certification of Grades day

Weighting

50%

Assessment Criteria

The marking criteria are based on:

- Knowledge & understanding of the topic
- Communication skills, content and argument
- Discussion of appropriateness for inclusion in view
- Selection of articles and books
- Referencing and formatting

Please refer to the unit website for more specific marking criteria for this assessment.

Referencing Style

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

Submission

Online Group

Submission Instructions

via Moodle-Include the names of your group members when you submit your assessment. All group members are required to submit the same file. All group members will receive the same mark.

Learning Outcomes Assessed

- Compare and contrast general and conflicting organisation-specific technical issues in enterprise systems and organisational change
- Identify critical situations and analyse the business needs of an organisation to develop appropriate computing strategies to address ill-defined situations
- Evaluate alternative approaches to implement enterprise systems within an organisation
- Develop innovative approaches for the implementation of enterprise systems based on contemporary practices
- Apply enterprise analysis skills to identify and analyse the root causes of a given enterprise problem and develop recommendations
- Work collaboratively and communicate effectively to report enterprise analysis specifications.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Social Innovation

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