COIT11223 *Information Technology and Society*
Term 3 - 2023

Profile information current as at 05/10/2023 06:44 am

General Information

Overview

Technology is at the forefront of social change in the 21st century. As an Information and Communication Technology (ICT) professional, it is important for you to be aware of how ICT can change our social fabric. This unit will help you understand how the use of technology can support society's needs whilst also contributing to social, ethical, and legal dilemmas. You will critically analyse these dilemmas in an ICT context, looking at how the Information Age has been driven by advances in artificial intelligence and computer networking and covering topics such as cyber security, privacy, intellectual property, censorship, the workforce, and information overload. You will be asked to apply philosophical theories and professional codes of conduct to develop persuasive arguments for various scenarios in personal and professional organisational contexts.

Details

Career Level: *Undergraduate*
Unit Level: *Level 1*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites

Co-requisite: COIT11239 Professional Communications Skills for ICT or COMM11003 Communication in Professional Contexts or ENEG11005 Fundamentals of Professional Engineering
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 - 2023

- Brisbane
- Melbourne
- Online
- 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

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 In-class and e-mail feedback
Feedback
Please provide a detailed marking sheet for the final assessment item

Recommendation
Develop the marking sheet earlier in the future, and distribute it along with the final assessment itself.

Feedback from Student feedback
Feedback
Continue to provide useful and up-to-date examples from the news

Recommendation
Continue to endeavour to add relevant and current examples of practice, augmenting the notes which are often more related to unchanging theories.

Unit Learning Outcomes

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

1. Describe the roles of technologies such as artificial intelligence and computer networking on the social contexts of the information age
2. Explain how your professional and ethical responsibilities as an ICT professional affect society
3. Discuss ethical, social, and security issues related to areas such as intellectual property, privacy, cybercrime, and information overload
4. Evaluate ethical, social, and cyber security issues using tools of critical analysis such as philosophical theories and professional codes of conduct.

The Australian Computer Society (ACS), the professional association for Australia's ICT sector, 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.
This unit contributes to the following workplace skills as defined by SFIA 8 (the SFIA code is included):

- Enterprise IT Governance (GOVN)
- Information Assurance (INAS)
- Change Implementation Planning and Management (CIPM)
- Information Content Authoring (INCA)
- IT Management (ITMG)
- Problem Management (PBMG)
- Information Security (SCTY).

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
1 - Practical Assessment - 20%	•			•
2 - Written Assessment - 30%		•	•	
3 - Practical Assessment - 50%	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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				

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 16 October 2023

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.