COMP8871
Internal Research Project
Session 1, Weekday attendance, North Ryde 2020

Department of Computing

Coronavirus (COVID-19) Update
Due to the Coronavirus (COVID-18) pandemic, any references to assessment tasks and on-campus delivery may no longer be up-to-date on this page. Students should consult iLearn for revised unit information.

Find out more about the Coronavirus (COVID-19) and potential impacts staff and students

Contents

General Information 2
Learning Outcomes 3
General Assessment Information 0
Assessment Tasks 3
Delivery and Resources 3
Unit Schedule 5
Policies and Procedures 6
Changes from Previous Offering 7
Changes since First Published 7

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### General Information

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after lectures and/or by appointment  

<table>
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<tr>
<th>Credit points 20</th>
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| Prerequisites  
40cp foundation zone units and 60cp core zone units and admission to MInfoTechNetworking or MInfoSysMgmt or MInfoTechCyberSec |
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<table>
<thead>
<tr>
<th>Corequisites</th>
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<tr>
<th>Co-badged status</th>
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| Unit description  
Depending upon a candidate's specialist stream, interests and employment circumstances, this unit may comprise literature research, a case study, a software project development, or a project sponsored by the candidate's employer. Candidates are expected to demonstrate initiative and independence in researching, executing and documenting an involved information and communications technology project as well as its ethical implications. |
| --- |
Important Academic Dates
Information about important academic dates including deadlines for withdrawing from units are available at https://students.mq.edu.au/important-dates

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

**ULO1**: Apply research methods in the planning, analysis, design, implementation, delivery and maintenance of software systems.

**ULO2**: Design and execute a project from a brief initial specification through to a complete set of agreed outcomes and demonstrate an advanced understanding of systems analysis and/or development projects in the area of IT.

**ULO3**: Conduct a survey of the background literature, drawing out the key themes and issues and making comparisons between previous research studies and the research methods used for investigation and implementation of software systems.

**ULO4**: Demonstrate academic writing, note-taking and revision skills and effective time-management to achieve project deadlines.

**ULO5**: Present the results of work carried out in a detailed and appropriately structured report, and communicate effectively in both spoken and written forms.

**ULO6**: Demonstrate an understanding of the importance of professional ethics, and of how to recognize and address ethical issues when they arise.

Assessment Tasks

**Coronavirus (COVID-19) Update**
Assessment details are no longer provided here as a result of changes due to the Coronavirus (COVID-19) pandemic.
Students should consult iLearn for revised unit information.
Find out more about the Coronavirus (COVID-19) and potential impacts staff and students

Delivery and Resources

**Coronavirus (COVID-19) Update**
Any references to on-campus delivery below may no longer be relevant due to COVID-19.
Please check here for updated delivery information: https://ask.mq.edu.au/account/pub/display/unit_status
COMP8871 is taught via seminars and presentations. The feedback that you receive on writing and presentations plays a crucial role in your learning. The feedback will be provided in lectures, presentation classes, on iLearn forums and consultations.

Make sure you are completely familiar with the content of the official Unit Outline. You are expected to regularly consult your supervisor. You should also attend all the lectures and presentations.

1. Note that we will be using iLearn as the central web-based communication point for this unit. If you are enrolled in the unit, it is essential that you check the iLearn site once a day, since important information will always be posted there in the News Forum. You should be able to login to iLearn using your MQ student ID and password; if you experience any problems, contact the Faculty of Science IT Help Desk. The IT help desk website is located at http://web.science.mq.edu.au/it/doc/helpdesk/.

2. The core of this unit is a project. You will be working on a project agreed upon with the unit convenor.

3. Classroom and class time can be found at https://timetables.mq.edu.au/2020/. In Session 1, we will have classes in 4 Western Rd - 220 Tutorial Rm on Friday 2-5 pm; this room will be used if extra classes for discussions need to be organised. Note that for this unit you are also expected to be working on your project during the recess, so there are really 15 weeks that are relevant for scheduling purposes. Make sure you are familiar with the class schedule.

4. Check out how the assessment for the unit works.

5. The unit culminates in an end-of-semester workshop where everyone gives a presentation on their project.

Other Resources

A significant proportion of the class time in this unit focuses on communication skills, but we don't have the time or space to go into some matters in as much detail as some people would like. If you would like to improve your skills in academic writing, you should check out the Postgraduate Academic Literacy Workshops.

You have many opportunities to seek for and receive feedback. During seminars, you are encouraged to ask the lecturer questions to clarify anything you might not be sure of. You will be regularly given assignments to complete. This will at times involve contributing to a group of students and presenting solutions to the class. The comments and the solutions provided will help you to understand the objectives of the unit, prepare you for the work in assignments. It is important that you keep up with these assignments on a timely fashion.

Discussion Boards The unit makes use of discussion boards hosted within iLearn. Please post questions of general interest there (for example, about assessment tasks), they are monitored by the staff on the unit.

https://unitguides.mq.edu.au/unit_offerings/122834/unit_guide/print
Student Support Services Macquarie University provides a range of Academic Student Support Services. Details of these services can accessed at http://www.student.mq.edu.au.

If you have exhausted all other avenues, then you should consult Director of Postgraduate Program or the Head of Department. You are entitled to have your concerns raised, discussed and resolved.

Unit Schedule

Coronavirus (COVID-19) Update
The unit schedule/topics and any references to on-campus delivery below may no longer be relevant due to COVID-19. Please consult iLearn for latest details, and check here for updated delivery information: https://ask.mq.edu.au/account/pub/display/unit_status

The first scheduled class is in Week 1, and the current schedule for all weeks is shown below. Note that this schedule is still provisional, and the particular Fridays we meet may change at short notice depending upon circumstances. So you should be prepared for attendance every Friday during semester.

In general, on each occasion that we meet, around half of the class time will be in the form of a lecture and discussion session on material that is relevant to an upcoming assessable activity; the other half of the class will be occupied by class members giving short presentations on progress on their projects.

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<thead>
<tr>
<th>Week</th>
<th>Class Topics</th>
<th>Assignment Due</th>
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<tbody>
<tr>
<td>WEEK 1</td>
<td>Class Logistics; Assessment and Expectations; Writing Up Your Project Proposal;</td>
<td>Preliminary Proposal</td>
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<tr>
<td>WEEK 2</td>
<td>NO CLASS</td>
<td>Preliminary Proposal</td>
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<td>WEEK 3</td>
<td>Writing a Proposal: Brief Presentation of Preliminary Proposals</td>
<td>Preliminary Proposal</td>
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<td>WEEK 4</td>
<td>Summary of Preliminary Proposals</td>
<td>Preliminary Proposal</td>
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<td>WEEK 5</td>
<td>NO CLASS</td>
<td>Preliminary Proposal</td>
</tr>
<tr>
<td>WEEK 6</td>
<td>Revised project proposals</td>
<td>Revised Project Proposal</td>
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<tr>
<td>WEEK 7</td>
<td>Summary of Revised Project Proposals</td>
<td>Revised Project Proposal</td>
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<tr>
<td><strong>--MID-SEMESTER BREAK --</strong></td>
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<tr>
<td>WEEK 8</td>
<td>NO CLASS</td>
<td>Preliminary Reports</td>
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<tr>
<td>WEEK 9</td>
<td>Preliminary report presentations</td>
<td>Preliminary Reports</td>
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</tbody>
</table>
WEEK 10 Summary of Preliminary Reports

WEEK 11 NO CLASS

WEEK 12 NO CLASS

WEEK 13 Postgraduate Workshop

Final Presentation

Final Report Submission

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Grade Appeal Policy
- Complaint Management Procedure for Students and Members of the Public
- Special Consideration Policy (Note: The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.)

Students seeking more policy resources can visit the Student Policy Gateway (https://students.mq.edu.au/support/study/student-policy-gateway). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/study/getting-started/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au
Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to improve your marks and take control of your study.

- Workshops
- StudyWise
- Academic Integrity Module for Students
- Ask a Learning Adviser

Student Enquiry Service

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

Equity Support

Students with a disability are encouraged to contact the Disability Service who can provide appropriate help with any issues that arise during their studies.

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University’s IT, you must adhere to the Acceptable Use of IT Resources Policy. The policy applies to all who connect to the MQ network including students.

Changes from Previous Offering

Compared to earlier ITEC810/812 offerings, the class will meet more frequently.

Changes since First Published

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<tr>
<th>Date</th>
<th>Description</th>
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<tr>
<td>17/02/2020</td>
<td>Third lecturer Dr Shoujin Wang has been added in.</td>
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