COMP8770
Information Systems Project and Risk Management
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

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Disclaimer
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General Information

Unit convenor and teaching staff
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Rm 362, Level 3, BD Building, 4 Research Park Drive
Monday's 4-5pm

Ian Krycer
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Credit points
10

Prerequisites
ITEC602 or COMP6770

Corequisites

Co-badge status

Unit description
This unit has three themes: IT project management, agile software development and risk management. Topics covered in the first theme include project definition, roles and responsibilities, resource management, time and cost estimation, project planning, project control and reporting, measuring project success and post-implementation review. Microsoft Project is used to assist with resource allocation, costing and schedule. Hands-on experience is gained using the Rational Unified Process during the second theme. Towards the end of the course we focus on identifying causes of project failure and managing project risk based on the International and Australian Standard, ISO31000.

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:

UL01: Apply an understanding of the contextual issues of an IT project to the identification and management of expectations of the main project stakeholders.
ULO2: Develop, maintain, manage and report against a project plan which defines the critical path and resource requirements, with tool support, such as MS Project 2019.

ULO3: Critically evaluate the concepts of agile methodologies such as the Rational Unified Process, DSDM and DevOps and incorporate appropriate components into the planning for complex software development or off the shelf enterprise system projects.

ULO4: Analyse IT project risks and formulate a risk management plan compliant with the international standard, ISO31000.

ULO5: Critically evaluate the role of the IT project manager and how to handle organization politics, individual and team management.

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

Each week you should attend up to 4 hours of lectures and tutorials (please note Tutorials are on a different day to lectures now). For details of days, times and rooms consult the timetables web page.

Required and Recommended Texts:

Students are expected to purchase and read the following textbook:


The following text book is suggested as recommended reading. Copies are available from the references and general sections of the library.

However, it is available online.

The class Web site will have copies of lecture handouts and additional recommended reading material: [https://ilearn.mq.edu.au/](https://ilearn.mq.edu.au/) You will need to use the user name and password issued to you by the University Administration when you enrolled for the unit.

**Technology to be used and required:**

We are using MS Project 2016 or 2019.

Other technology required is MS Word and MS PowerPoint.

**Website and access to unit material:**

The web page and content for this unit can be found at iLearn: [https://ilearn.mq.edu.au/login/MQ/](https://ilearn.mq.edu.au/login/MQ/). Note that the unit content is not publicly available and requires for you to log in to access.

## 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](https://ask.mq.edu.au/account/pub/display/unit_status)

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### 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**

Lectures and Tutorials have changed from a 4 hour block to a 2 hour lecture and separate Tutorial session.