COMP8790

Strategic Project Management

Session 1, Weekday attendance, North Ryde 2020

Department of Computing

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General Information

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Credit points
10

Prerequisites
ITEC602 or COMP6770

Corequisites

Co-badged status

Unit description
This unit builds upon the foundations laid by introductory units to provide students with a more thorough understanding of the strategic, infrastructural and socio-technical aspects of project management. At one level, this unit is intended as a training ground for participants who wish to extend their existing ICT project planning and management skills in the more technical aspects of disciplines such as strategic planning, capital budgeting, risk analysis and post-implementation review. At another, we examine the political and organisational context into which this discipline fits, with a view to equipping candidates with the background required to make the transition into a project-sponsorship role.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

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

ULO1: Analyse and Develop an effective business case for IT and business related

projects.

ULO2: Evaluate and explain the strategic thinking used in the development of an IT portfolio of projects.

ULO3: Apply Portfolio Management concepts in the context of IT strategic management

ULO4: Apply IT leadership focusing on integrating strategy, IT governance, realization of business value and metrics.

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 on staff and students

General Assessment Information

Late Submission(s): ***"Late assessment must also be submitted through Turnitin. No extensions will be granted. There will be a deduction of 10% of the total available marks made from the total awarded mark for each 24 hour period or part thereof that the submission is late (for example, 25 hours late in submission incurs a 20% penalty). Late submissions will not be accepted after solutions have been discussed and/or made available. This penalty does not apply for cases in which an application for Special Consideration is made and approved. Note: applications for Special Consideration Policy must be made within 5 (five) business days of the due date and time."***

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

Classes

Each week you should attend a two-hour seminar/lecture. In addition to this we have non-compulsory practical lab booked for you to use for research for individual and group assessments. (NB. In some weeks we will run discussions on case studies where required). For details of days, times and rooms consult the timetables webpage.

Technology to be used and required

We will be using the Computing Lab to give you access to Project Management Software (Project Libre). You will also be able to download your own copy for your PC, Laptop or Mac. It wont run on an ipad. Details of the software will be available in lectures.

Students will need to be able to access ilearn and to download materials from it for class. Students are required to ensure that they either bring hard-copies of all specified materials to class or ensure that they can access and use electronic copies of documents and readings in class. For this an ipad, tablet or laptop (mac or PC) is highly recommended.

The textbook is available as an ebook and also a hard copy text. (Details are below):

Resources to assist your learning

Textbook

The textbook(s) for COMP8790 used this semester is:

Project Management: Achieving Competitive Advantage, Global Edition (5e) Hard Copy

Project Management: Achieving Competitive Advantage, Global Edition (5e) Ebook Copy

Unit material

Material for the unit can be found on ilearn.

News Forum

Your lecturers will post regular reminders in regard to assessments and/or anything that is happening in the week. It is your responsibility to keep up to date with everything with the unit.

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

Week	Topic and lecture description	Readings	In class Exercises	Assessment Due	Teaching
1	Introduction: ***Why Strategic Project Management?***	Chapter 1	"Throwing Good Money after Bad": The BBC's Digital Media Initiative		MM
2	***The Organizational Context: Strategy, Structure, and Culture***	Chapter 2	Tesla's $5 Billion Gamble		MM
3	***Project Selection and Portfolio Management***	Chapter 3	Project Selection Procedures: A Cross-Industry Sampler		MM
4	***Leadership and the Project Manager***	Chapter 4	Leading by Example for the London Olympics – Sir John Armitt		MM

5	***Project Team Building, Conflict, and Negotiation***	Chapter 6	Engineers Without Borders: Project Teams Impacting Lives	**In class Quiz 1**	JL
6	***Risk Management***	Chapter 7	Collapse of Shanghai Apartment Building		SS
7	***Big Data and Project Management***	Links provided in ilearn	Brain Storming session - Help for Assignment 2	**Assignment 1**	JL
Semester Break					
8	***Managing Projects that are not understood (The semantic Web and Data)***	Links provided in ilearn	Tableau walkthrough		JL
9	***Big Data and Project Management***	Links provided in ilearn	Tableau walkthrough	**In class Quiz 2**	JL
10	***Resource Management***	Chapter 12	Hong Kong Connects to the World's Longest Natural Gas Pipeline		SS
11	***Project Evaluation and Control***	Chapter 13	Boeing's 787 Dreamliner: Failure to Launch (with update)	**Assignment 2**	SS
12	***Project Closeout and Termination***	Chapter 14	Aftermath of a "Feeding Frenzy" - Dubai and Cancelled Construction Projects	**In class Quiz 3**	SS
13	***Final Exam Revision***				SS

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 help you improve your marks and take control of your study.

- Getting help with your assignment
- Workshops
- StudyWise
- Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian

Student Services and 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.

Student Enquiries

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

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

- New textbook

- Additional staff resource

- Updated Assessments