



COMP3780

Technology Management

Session 1, Special circumstances 2021

Department of Computing

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Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group activities on campus, and most will keep an online version available to those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff

Convenor, Lecturer

Dr. Peter Busch

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TBD

Lecturer

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Tutor

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Credit points

10

Prerequisites

130cp at 1000 level or above

Corequisites

Co-badged status

Unit description

This unit provides insights into five broad aspects of management systems: environment of management; organisations and their behaviour; management of human resources; project management and control; contracts; assessment; control and quality management; training; documentation and industrial relations legal issues; and management responsibility. From a practical perspective the unit involves examining new venture start-ups with high-tech industrial and commercial domains, with students working in groups on a business plan. The unit is aimed at students with a background that is typically technical although this is not essential.

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: Demonstrate leadership skills to co-ordinate a team of people to deliver a useful and valuable product or service or launch a new business venture.

ULO2: Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.

ULO3: Both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.

ULO4: Apply the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

General Assessment Information

Late submission:

Late submission of individual work will incur a 10% penalty for every 24 hours, or part thereof, it is late. So within 24 hours, the maximum mark that can be obtained is 90% of the full grade for that assessment task; between 24 and 48 hours, the maximum mark that can be obtained is 80% of the full grade; and so on. No extra documentation is required unless the student wishes to have an extension (see below) applied.

Late submissions of group based assignments are not permitted unless under exceptional circumstances with documentary evidence provided to the unit convenor which may include medical certificates as per the Department of Computing policy. One person being sick does not mean the group cannot submit work. Students are recommended to have a backup plan for group based submissions.

Assessment Tasks

Name	Weighting	Hurdle	Due
Quiz 1	5%	No	30th March
Quiz 2	5%	No	20th April

Name	Weighting	Hurdle	Due
Quiz 3	5%	No	11th May
Quiz 4	5%	No	1st June
Assignment 1	20%	No	23rd March
Assignment 2	20%	No	18th May
Online exam	40%	No	7-25th June

Quiz 1

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 5 hours

Due: **30th March**

Weighting: **5%**

Based on chapters 3, 4, 5 and 6 of the textbook.

On successful completion you will be able to:

- Demonstrate leadership skills to co-ordinate a team of people to deliver a useful and valuable product or service or launch a new business venture.
- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Apply the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Quiz 2

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 5 hours

Due: **20th April**

Weighting: **5%**

Based on chapters 7, 8, 9, 10 of the textbook.

On successful completion you will be able to:

- Demonstrate leadership skills to co-ordinate a team of people to deliver a useful and valuable product or service or launch a new business venture.
- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Apply the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Quiz 3

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 5 hours

Due: **11th May**

Weighting: **5%**

Based on chapters 11, 12, 13 and 14 of the textbook.

On successful completion you will be able to:

- Demonstrate leadership skills to co-ordinate a team of people to deliver a useful and valuable product or service or launch a new business venture.
- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Apply the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Quiz 4

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 5 hours

Due: **1st June**

Weighting: **5%**

Based on chapters 15, 16, 17 and 18 of the textbook.

On successful completion you will be able to:

- Demonstrate leadership skills to co-ordinate a team of people to deliver a useful and valuable product or service or launch a new business venture.
- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Apply the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Assignment 1

Assessment Type ¹: Case study/analysis

Indicative Time on Task ²: 20 hours

Due: **23rd March**

Weighting: **20%**

Using Internet based reference sources, analyse the current market position of a given major technology company. Apply the principles from the textbook to answer a series of questions on management styles and organisational culture, current strategic issues facing an organisation and the prognosis for the future.

On successful completion you will be able to:

- Demonstrate leadership skills to co-ordinate a team of people to deliver a useful and valuable product or service or launch a new business venture.

- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Apply the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Assignment 2

Assessment Type ¹: Project

Indicative Time on Task ²: 20 hours

Due: **18th May**

Weighting: **20%**

A group of FOUR students will select a new product, service or business venture as the basis for a comprehensive business plan, covering market analysis, the product or service offering, marketing plan, operations plan, financial plan, risk management and recommendations. The overall mark is moderated by Peer Review feedback.

On successful completion you will be able to:

- Demonstrate leadership skills to co-ordinate a team of people to deliver a useful and valuable product or service or launch a new business venture.
- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Apply the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Online exam

Assessment Type ¹: Examination

Indicative Time on Task ²: 25 hours

Due: **7-25th June**

Weighting: **40%**

An open book online exam of roughly three hours duration undertaken in a 6 hour window of time. Scripts will be submitted to iLearn.

On successful completion you will be able to:

- Demonstrate leadership skills to co-ordinate a team of people to deliver a useful and valuable product or service or launch a new business venture.
- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Apply the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Learning Skills Unit](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Each week you should attend up to 3 hours of lectures and tutorial. For details of days, times and rooms consult the [timetables webpage](#).

Mandatory text: Robbins, S., Bergman, R., Coulter, M., (2017) [Management](#) 8th. ed. Pearson Australia.

Do not buy earlier editions as the quiz questions in particular will directly relate only to the 8th edition.

The [eBook version](#) is available online for \$60. This represents a convenient way to acquire the textbook for class workshops, assessments and the final exam.

All lecture slides will be available from [iLearn](#). Audio from the lectures will be available via the Echo360 system with links from the unit's iLearn home page.

All assignments are accessed from [iLearn](#) and submitted through iLearn.

Assignments 1 and 2 are Turnitin assignments, submitted through iLearn, but sent to Turnitin for plagiarism checking. Students should allow up to 24 hours to receive Turnitin feedback reports.

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/index.php>. Note that the unit content is not publicly available and requires for you to log in to access.

Unit Schedule

Week	Day/Date	Lecture	Tutorial	Assessments
1 - Peter	Tue 23/2	Unit Outline Chapters 1 and 2	No tutorial	
2 - Peter	Tue 2/3	Chapters 3 and 4	Managing McDonald's Australia, pp 31-32	
3 - Peter	Tue 9/3	Chapters 5 and 6	Culture of the ADF, pp 100-101	
4 - Peter	Tue 16/3	Chapters 7 and 8	A wakeup call to global clothing brands, pp 177-178	
5 - Peter	Tue 23/3	Chapters 9 and 10	Workplace stress can kill, pp 246-247	Assignment 1 due 23/3
6 - Peter	Tue 30/3	Chapters 11 and 12	Netflix and SVOD pp 309-310	Quiz 1 due 30/3
Mid Semester Break 2-18th April				
7 - Jian	Tue 20/4	Writing a Business Plan Financial Analysis	Group Assignment Topics	Quiz 2 due 20/4
8 - Jian	Tue 27/4	Chapters 13 and 14	Starbucks Controls, p 348	
9 - Jian	Tue 4/5	Chapters 15 and 16	Teamwork at Lonely Planet, p 455	
10 - Jian	Tue 11/5	Chapters 17 and 18	Delivery disaster at Domino's Pizza, p 577	Quiz 3 due 11/5
11 - Jian	Tue 18/5	Revision - Jian's material	Radical leadership, p 649	Assignment 2 due 18/5
12 - Peter	Tue 25/5	Revision - Peter's material	Assignment Review	
13 - Peter/ Jian	Tue 1/6	Exam topics, structure, past exams etc.	No Tutorial	Quiz 4 due by 1/6

Exam	7-25th June	Check online for details	All unit material.
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Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au). 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](#)

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

To find other policies relating to Teaching and Learning, visit [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/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 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

Prof. Jian Yang replaces Dr. Ian Krycer as co-lecturer on the unit.

Tutorials are now one hour (not two) in duration from 2021.

Standards

Four standards, namely HD, D, CR, P summarize as many different levels of achievement. Each standard is precisely defined to help students know what kind of performance is expected to deserve a certain mark. The standards corresponding to the learning outcomes of this unit are given below.

If you are given a second opportunity to sit the final examination as a result of failing to meet the minimum mark required, you will be offered that chance during the same supplementary examination period and will be notified of the exact day and time after the publication of final results for the unit.

L.O. 1	Pass	Credit	Distinction	High Distinction
Leadership	Can reproduce some definitions and ideas, show some breadth of understanding of new business leadership	Show breadth of understanding across most of the unit material relating to a new business venture	Apply terminology and ideas in some new contexts, show breadth of understanding across most of the new business unit material	Apply terminology and ideas in new contexts, show breadth of understanding of all the new business unit material and external references
L.O. 2	Pass	Credit	Distinction	High Distinction
People Skills	Can reproduce some definitions and ideas, show some breadth of understanding of individual and team motivation	Show breadth of understanding across most of the unit material relating to individual and team motivation	Apply terminology and ideas in some new contexts, show breadth of understanding across most of the people management unit material	Apply terminology and ideas in new contexts, show breadth of understanding of all people management unit material and external references
L.O. 3	Pass	Credit	Distinction	High Distinction
Critical Analysis	Able to provide and accept critical analysis and demonstrate some social learning skills related to some unit material	Able to provide and accept well considered critical analysis and demonstrate social learning skills related to most of the unit material	Able to provide and accept well considered critical analysis and demonstrate refined social and problem learning skills related to all the unit material	Able to provide and accept well considered critical analysis and demonstrate refined social and problem learning skills related to all the unit material and additional outside reference material
L.O. 4	Pass	Credit	Distinction	High Distinction
Business Understanding	Understands the basic idea of how to build a successful business including some of the elements of marketing, operations, financials and control.	Understands more than the basic superficial ideas of how to build a successful business including most of the elements of marketing, operations, financials and control.	Exemplifies a knowledge of the key concepts of how to build a successful business including all of the elements of marketing, operations, financials and control.	Has a complete command of the subject matter on a deeper level on how to build a successful business including all of the elements of marketing, operations, financials control and risk management.

