# ITEC660

## Technology Management

S1 Evening 2015

*Dept of Computing*

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### Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.
# General Information

<table>
<thead>
<tr>
<th>Unit convenor and teaching staff</th>
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<tbody>
<tr>
<td>Convenor, Lecturer</td>
<td></td>
</tr>
<tr>
<td>Dr. Peter Busch</td>
<td></td>
</tr>
<tr>
<td><a href="mailto:peter.busch@mq.edu.au">peter.busch@mq.edu.au</a></td>
<td></td>
</tr>
<tr>
<td>E6A 320</td>
<td></td>
</tr>
<tr>
<td>Thursday 3-5pm</td>
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<table>
<thead>
<tr>
<th>Lecturer</th>
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<tbody>
<tr>
<td>Dr. Ian Krycer</td>
<td></td>
</tr>
<tr>
<td><a href="mailto:ian.krycer@mq.edu.au">ian.krycer@mq.edu.au</a></td>
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<tbody>
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<td>Corequisites</td>
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<td>Co-badged status</td>
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<table>
<thead>
<tr>
<th>Unit description</th>
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<tbody>
<tr>
<td>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; user interface 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 project plan. The unit is aimed at students with a background that is typically technical although this is not essential.</td>
<td></td>
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## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at [http://students.mq.edu.au/student_admin/enrolmentguide/academickleates/](http://students.mq.edu.au/student_admin/enrolmentguide/academickleates/)
Learning Outcomes

1. Develop leadership skills to co-ordinate a team of people to deliver a useful and valuable product or service or launch a new business venture.
2. Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
3. Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
4. Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.
5. Evaluate an organisation’s management style drawing upon the theory presented in the lectures. A graduate student will be expected to articulate clearly the management theories espoused in the set text, and determine how they relate to the organisation under study.

Assessment Tasks

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Due</th>
</tr>
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<tbody>
<tr>
<td>Quiz 1</td>
<td>5%</td>
<td>24/03/2015</td>
</tr>
<tr>
<td>Quiz 2</td>
<td>5%</td>
<td>21/04/2015</td>
</tr>
<tr>
<td>Quiz 3</td>
<td>5%</td>
<td>12/05/2015</td>
</tr>
<tr>
<td>Quiz 4</td>
<td>5%</td>
<td>2/6/15</td>
</tr>
<tr>
<td>Assignment 1</td>
<td>10%</td>
<td>17/03/2015</td>
</tr>
<tr>
<td>Assignment 2</td>
<td>15%</td>
<td>25/05/2015</td>
</tr>
<tr>
<td>Assignment 3</td>
<td>15%</td>
<td>1/06/2015</td>
</tr>
<tr>
<td>Final Examination</td>
<td>40%</td>
<td>TBA</td>
</tr>
</tbody>
</table>

Quiz 1
Due: 24/03/2015
Weighting: 5%
This Assessment Task relates to the following Learning Outcomes:

- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Understand and apply all 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
Due: 21/04/2015
Weighting: 5%

This Assessment Task relates to the following Learning Outcomes:

- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Understand and apply all 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
Due: 12/05/2015
Weighting: 5%

This Assessment Task relates to the following Learning Outcomes:
• Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.

• Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.

• Understand and apply all 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

Due: 2/6/15

Weighting: 5%

40 Multiple choice questions, 10 from each of chapters 15, 16, 17 and 18 of the textbook, randomly selected from a large question database to test understanding of lecture material.

This Assessment Task relates to the following Learning Outcomes:

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

• Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.

• Understand and apply all 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

Due: 17/03/2015

Weighting: 10%

Using Internet based reference sources analyse the current market position of a company Inc. Apply the principles from the textbook to answer a series of questions on management styles and a company’s organisational culture, current strategic issues facing Apple and the prognosis for the future.

This Assessment Task relates to the following Learning Outcomes:

• Develop 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.
- Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Understand and apply all 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
Due: 25/05/2015
Weighting: 15%

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. Each student in the group will deliver an individually marked presentation and their component of the business plan.

This Assessment Task relates to the following Learning Outcomes:
- Develop 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.
- Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Understand and apply all 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 3
Due: 1/06/2015
Weighting: 15%

Evaluate an organisation's (from within the Ryde council area), management style. Using media such as newspapers, television and so forth, compare and contrast the management style(s) with regard to the theory provided in the lectures.

This Assessment Task relates to the following Learning Outcomes:
- Evaluate an organisation's management style drawing upon the theory presented in the lectures. A graduate student will be expected to articulate clearly the management
theories espoused in the set text, and determine how they relate to the organisation under study.

Final Examination
Due: TBA
Weighting: 40%

A series of short and long answer questions representing most chapters of the textbook and the related workshops, to be completed in a closed book exam over 3 hours.

This Assessment Task relates to the following Learning Outcomes:

- Demonstrate an understanding of individual personalities and communication styles and how this impacts interpersonal interactions and team motivation and performance.
- Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.
- Evaluate an organisation’s management style drawing upon the theory presented in the lectures. A graduate student will be expected to articulate clearly the management theories espoused in the set text, and determine how they relate to the organisation under study.

Delivery and Resources

The mandatory text book is:


Do not buy earlier editions as the quiz questions in particular will directly relate only to the 7th edition. A less expensive e-book is available for $97 which will meet the unit requirements. See: [http://www.pearson.com.au/9781486006335](http://www.pearson.com.au/9781486006335)

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

Students will need to attend the workshops to engage in group discussions and receive a summary session from the lecturer. These workshops are an integral part of the unit and students are encouraged to participate. The final examination will include questions based on the workshops.

All assignments are accessed from [iLearn](http://iLearn) and submitted through iLearn.
Assignments 1, 2 and 3 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.

## Unit Schedule

<table>
<thead>
<tr>
<th>Session</th>
<th>Date</th>
<th>Lectures (Peter and Ian)</th>
<th>Workshops (Ian)</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Peter</td>
<td>24/2/15</td>
<td>Outline: Intro to Management, Chapter 1</td>
<td></td>
<td>Release Assignment 1 Due by 5:00 pm 17/3/15</td>
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<td></td>
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<tr>
<td>2 Peter</td>
<td>3/3/15</td>
<td>Organisational Culture, Global Environment Chapters 3 and 4</td>
<td>Culture of the ADF, pp 111-112 vs. Culture at HubSpot</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Quiz 1 on Chapters 3, 4, 5 and 6 Due by 5:00 pm 24/3/15</td>
</tr>
<tr>
<td>3 Peter</td>
<td>10/3/15</td>
<td>Social Responsibility, Managing Decisions Chapters 5 and 6</td>
<td>A radio prank gone horribly wrong, pp 188-189</td>
<td></td>
</tr>
<tr>
<td>4 Peter</td>
<td>17/3/15</td>
<td>Managing Innovation Planning Chapters 7 and 8</td>
<td>Change agent at Australia Post, pp 263-266</td>
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</tr>
<tr>
<td>Date</td>
<td>Name</td>
<td>Chapter(s)</td>
<td>Reading Material</td>
<td>Assignment/Due Date</td>
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<tr>
<td>24/3/15</td>
<td>Peter</td>
<td>Strategic Management, Managerial Controls</td>
<td>Virgin Australia’s challenge to Qantas, pp 329-330</td>
<td></td>
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<tr>
<td>31/3/15</td>
<td>Peter</td>
<td>Managing Operations, Organisational Structure</td>
<td>Starbucks Controls, pp 371-2</td>
<td>Quiz 2 on Chapters 7, 8, 9 and 10 Due by 5:00 pm on 21/4/15</td>
</tr>
<tr>
<td>28/4/15</td>
<td>Ian</td>
<td>Managing Teams, Managing HR</td>
<td>Recruiting and retaining talent, pp 519 - 520</td>
<td>Quiz 3 on Chapters 11, 12, 13 and 14 Due by 5:00 pm on 12/5/15</td>
</tr>
<tr>
<td>5/5/15</td>
<td>Ian</td>
<td>Individual Behaviour, Communication</td>
<td>Delivery disaster at Domino’s Pizza, p 600</td>
<td>Assignment 2 Abstract due by 5:00 pm on 5/5/15</td>
</tr>
</tbody>
</table>
### Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](http://mq.edu.au/policy/docs/). Students should be aware of the following policies in particular with regard to Learning and Teaching:


The **Disruption to Studies Policy** is effective from March 3 2014 and replaces the Special Consideration Policy.

In addition, a number of other policies can be found in the **Learning and Teaching Category** of 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/support/student_conduct/](https://students.mq.edu.au/support/student_conduct/)

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<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Details</th>
<th>Due Date/Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Ian</td>
<td>12/5/15 Motivating Employees</td>
<td>Radical leadership, p 682</td>
<td>Quiz 4 on Chapters 15, 16, 17 and 18 Due by 5:00 pm on 2/6/15</td>
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<tr>
<td></td>
<td>Managers as Leaders</td>
<td></td>
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<tr>
<td></td>
<td>Chapters 17 and 18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 Ian</td>
<td>19/5/15 Guest Lecture from Microsoft</td>
<td>Groups practice presentations</td>
<td>Assignment 2 Report and Presentation Due by 5:00 pm on 25/5/15</td>
</tr>
<tr>
<td></td>
<td>(Lawrence Crumpton)</td>
<td></td>
<td></td>
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<tr>
<td>12 Ian</td>
<td>TBA Group Presentations</td>
<td></td>
<td>Assignment 3 due.</td>
</tr>
<tr>
<td>13 Peter and Ian</td>
<td>2/6/15 Revision Lecture</td>
<td>Revision Q &amp; A</td>
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<tr>
<td>Exam</td>
<td>TBA Check online for details</td>
<td>All lecture and tutorial material</td>
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Results

Results shown in iLearn, 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.

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

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://informatics.mq.edu.au/help/.

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

Graduate Capabilities

Discipline Specific Knowledge and Skills

Our graduates will take with them the intellectual development, depth and breadth of knowledge, scholarly understanding, and specific subject content in their chosen fields to make them competent and confident in their subject or profession. They will be able to demonstrate, where relevant, professional technical competence and meet professional standards. They will be able to articulate the structure of knowledge of their discipline, be able to adapt discipline-specific knowledge to novel situations, and be able to contribute from their discipline to inter-disciplinary solutions to problems.
This graduate capability is supported by:

**Learning outcomes**

- Develop 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.
- Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.
- Evaluate an organisation’s management style drawing upon the theory presented in the lectures. A graduate student will be expected to articulate clearly the management theories espoused in the set text, and determine how they relate to the organisation under study.

**Assessment tasks**

- Quiz 1
- Quiz 2
- Quiz 3
- Quiz 4
- Assignment 1
- Assignment 2
- Assignment 3
- Final Examination

**Problem Solving and Research Capability**

Our graduates should be capable of researching; of analysing, and interpreting and assessing data and information in various forms; of drawing connections across fields of knowledge; and they should be able to relate their knowledge to complex situations at work or in the world, in order to diagnose and solve problems. We want them to have the confidence to take the initiative in doing so, within an awareness of their own limitations.

This graduate capability is supported by:
Learning outcomes

• Develop 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.
• Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
• Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Assessment tasks

• Quiz 1
• Quiz 2
• Quiz 3
• Quiz 4
• Assignment 1
• Assignment 2
• Assignment 3
• Final Examination

Creative and Innovative

Our graduates will also be capable of creative thinking and of creating knowledge. They will be imaginative and open to experience and capable of innovation at work and in the community. We want them to be engaged in applying their critical, creative thinking.

This graduate capability is supported by:

Learning outcomes

• Develop 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.
• Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
• Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Assessment tasks
• Quiz 1
• Quiz 2
• Quiz 3
• Quiz 4
• Assignment 1
• Assignment 2
• Final Examination

Effective Communication
We want to develop in our students the ability to communicate and convey their views in forms effective with different audiences. We want our graduates to take with them the capability to read, listen, question, gather and evaluate information resources in a variety of formats, assess, write clearly, speak effectively, and to use visual communication and communication technologies as appropriate.

This graduate capability is supported by:

Learning outcomes
• Develop 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.
• Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
• Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Assessment tasks
• Quiz 1
• Quiz 2
• Quiz 3
• Quiz 4
Engaged and Ethical Local and Global citizens

As local citizens our graduates will be aware of indigenous perspectives and of the nation’s historical context. They will be engaged with the challenges of contemporary society and with knowledge and ideas. We want our graduates to have respect for diversity, to be open-minded, sensitive to others and inclusive, and to be open to other cultures and perspectives: they should have a level of cultural literacy. Our graduates should be aware of disadvantage and social justice, and be willing to participate to help create a wiser and better society.

This graduate capability is supported by:

**Learning outcomes**

- Develop 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.
- Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

**Assessment task**

- Assignment 2

Socially and Environmentally Active and Responsible

We want our graduates to be aware of and have respect for self and others; to be able to work with others as a leader and a team player; to have a sense of connectedness with others and country; and to have a sense of mutual obligation. Our graduates should be informed and active participants in moving society towards sustainability.

This graduate capability is supported by:

**Learning outcomes**

- Develop 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.
• Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
• Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Assessment task

• Assignment 2

Capable of Professional and Personal Judgement and Initiative

We want our graduates to have emotional intelligence and sound interpersonal skills and to demonstrate discernment and common sense in their professional and personal judgement. They will exercise initiative as needed. They will be capable of risk assessment, and be able to handle ambiguity and complexity, enabling them to be adaptable in diverse and changing environments.

This graduate capability is supported by:

Learning outcomes

• Develop 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.
• Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
• Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

Assessment tasks

• Assignment 2
• Assignment 3
• Final Examination
Critical, Analytical and Integrative Thinking

We want our graduates to be capable of reasoning, questioning and analysing, and to integrate and synthesise learning and knowledge from a range of sources and environments; to be able to critique constraints, assumptions and limitations; to be able to think independently and systematically in relation to scholarly activity, in the workplace, and in the world. We want them to have a level of scientific and information technology literacy.

This graduate capability is supported by:

**Learning outcomes**

- Develop 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.
- Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.
- Evaluate an organisation’s management style drawing upon the theory presented in the lectures. A graduate student will be expected to articulate clearly the management theories espoused in the set text, and determine how they relate to the organisation under study.

**Assessment tasks**

- Quiz 1
- Quiz 2
- Quiz 3
- Quiz 4
- Assignment 1
- Assignment 2
- Assignment 3
- Final Examination

**Commitment to Continuous Learning**

Our graduates will have enquiring minds and a literate curiosity which will lead them to pursue knowledge for its own sake. They will continue to pursue learning in their careers and as they
participate in the world. They will be capable of reflecting on their experiences and relationships with others and the environment, learning from them, and growing - personally, professionally and socially.

This graduate capability is supported by:

**Learning outcomes**

- Develop 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.
- Practice how to both provide and accept critical analysis and constructive criticism for continuous improvement in deliverables and demonstrate social learning and problem based learning skills.
- Understand and apply all the different elements that are needed to successfully build and operate an effective team, organisation and business e.g. marketing, operations, financials and control.

**Assessment tasks**

- Assignment 2
- Final Examination

**Changes from Previous Offering**

1. We are using the new edition of Robbins textbook, 2015. This means that the lectures, quizzes and case studies have been updated.
2. Assignment 1 has been updated.
3. Assignment 3 has been added to make ITEC660 a graduate (4cp) unit.

**Grading**

At the end of the semester, you will receive a grade that reflects your achievement in the unit

- **Fail (F)**: does not provide evidence of attainment of all learning outcomes. There is missing or partial or superficial or faulty understanding and application of the fundamental concepts in the field of study; and incomplete, confusing or lacking communication of ideas in ways that give little attention to the conventions of the discipline.
- **Pass (P)**: provides sufficient evidence of the achievement of learning outcomes. There is demonstration of understanding and application of fundamental concepts of the field of study; and communication of information and ideas adequately in terms of the
conventions of the discipline. The learning attainment is considered satisfactory or adequate or competent or capable in relation to the specified outcomes.

- **Credit (Cr):** provides evidence of learning that goes beyond replication of content knowledge or skills relevant to the learning outcomes. There is demonstration of substantial understanding of fundamental concepts in the field of study and the ability to apply these concepts in a variety of contexts; plus communication of ideas fluently and clearly in terms of the conventions of the discipline.

- **Distinction (D):** provides evidence of integration and evaluation of critical ideas, principles and theories, distinctive insight and ability in applying relevant skills and concepts in relation to learning outcomes. There is demonstration of frequent originality in defining and analysing issues or problems and providing solutions; and the use of means of communication appropriate to the discipline and the audience.

- **High Distinction (HD):** provides consistent evidence of deep and critical understanding in relation to the learning outcomes. There is substantial originality and insight in identifying, generating and communicating competing arguments, perspectives or problem solving approaches; critical evaluation of problems, their solutions and their implications; creativity in application.

In this unit, your final grade depends on your performance in each part of the assessment. For each task, you receive a mark that combines your standard of performance regarding each learning outcome assessed by this task. Then the different component marks are added up to determine your total mark out of 100. Your grade then depends on this total mark and your overall standards of performance.

**In particular, in order to pass the unit, you must**

- Have performed satisfactorily in Assignments One and Two.
- Have attempted at least 2 out of the 4 iLearn quizzes.
- Have satisfactory performance in the final examination.

This means that you may fail the unit if you do not submit satisfactory submissions for the assignments, do not attempt the quizzes or do not perform satisfactorily in the exam.

**Department of Computing expectations are that students have to perform satisfactorily in the final exam as well as in their internal work/assignments.**

Obtaining a grade higher than a Pass (P) in this unit will require a student to obtain (in addition to the above):

- the required total number of marks (Credit - 65, Distinction - 75, High Distinction - 85).
Standards

Staff-Student Liaison Committee

The Department has established a Staff-Student Liaison Committee at each level (100, 200, 300) to provide all students studying a Computing unit the opportunity to discuss related issues or problems with both students and staff.

The committee meets three times during the semester. For each meeting, an agenda is issued and minutes are taken. These are posted on the web at http://www.comp.mq.edu.au/undergrad/info/liaison/300-level/

If you have exhausted all other avenues, then you should consult the Director of Teaching (Dr. Steve Cassidy) or the Head of Department (Prof. Bernard Mans). You are entitled to have your concerns raised, discussed and resolved.

Assessment policy

If you cannot complete a piece of work please see the convenor before the due date. Check also the special consideration policy. A more detailed description of each task is given below. Assessment tasks explained

As the table under assessment tasks indicates, there will be 7 assessment tasks.

- Four iLearn multiple choice quizzes
- One main individual assignment.
- One group assignment - individually moderated
- A presentation (in Session 12) on the group assignment. Attendance at the presentation is compulsory. This presentation is marked individually.
- One final examination.

See the Grading section for information on grades and performance criteria.

All assignments and quizzes should be completed or submitted via the online system at http://learn.mq.edu.au/ by the time specified in the assignment description.

All work submitted should be readable and well presented.

Late work will be accepted with a penalty of 10% of the marks for the assignment per day, or part day, submitted late. Hence, an assignment submitted four and a half days late will get at most half the marks. If you cannot submit on time because of illness or other circumstances, please contact the lecturer before the due date.

Final Examination

For this unit, a final examination is fully appropriate to test learning and knowledge of all learning outcomes. In particular, It allows for accurate reflection of the degree of understanding of learning outcomes LO2, LO3 and LO4.
The final examination accounts for 40% of the final mark. The three hour exam will consist of 180 marks and include a series of short answer questions based on theory from the textbook and application from workshops and given scenarios.

**It is a mandatory requirement that students achieve a satisfactory mark in the final examination in order to be able to pass the unit.**

Regarding the examination process, note that

- you are expected to present yourself for examination at the time and place designated in the **University Examination Timetable**
- no early examinations for individuals or groups of students will be set. All students are expected to ensure that they are available until the end of the teaching semester, that is the final day of the official examination period
- the only exception to not sitting an examination at the designated time is because of documented illness or unavoidable disruption. In these circumstances you may wish to consider applying for **Special Consideration**.

### 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:

<table>
<thead>
<tr>
<th>L.O. 1</th>
<th>Pass</th>
<th>Credit</th>
<th>Distinction</th>
<th>High Distinction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership</td>
<td>Can reproduce some definitions and ideas, show some breadth of understanding of new business leadership</td>
<td>Show breadth of understanding across most of the unit material relating to a new business venture</td>
<td>Apply terminology and ideas in some new contexts, show breadth of understanding across most of the new business unit material</td>
<td>Apply terminology and ideas in new contexts, show breadth of understanding of all the new business unit material and external references</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>L.O. 2</th>
<th>Pass</th>
<th>Credit</th>
<th>Distinction</th>
<th>High Distinction</th>
</tr>
</thead>
<tbody>
<tr>
<td>People Skills</td>
<td>Can reproduce some definitions and ideas, show some breadth of understanding of individual and team motivation</td>
<td>Show breadth of understanding across most of the unit material relating to individual and team motivation</td>
<td>Apply terminology and ideas in some new contexts, show breadth of understanding across most of the people management unit material</td>
<td>Apply terminology and ideas in new contexts, show breadth of understanding of all people management unit material and external references</td>
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<tr>
<td><strong>L.O. 3</strong></td>
<td><strong>Pass</strong></td>
<td><strong>Credit</strong></td>
<td><strong>Distinction</strong></td>
<td><strong>High Distinction</strong></td>
</tr>
<tr>
<td>Critical Analysis</td>
<td>Able to provide and accept critical analysis and demonstrate some social learning skills related to some unit material</td>
<td>Able to provide and accept well considered critical analysis and demonstrate social learning skills related to most of the unit material</td>
<td>Able to provide and accept well considered critical analysis and demonstrate refined social and problem learning skills related to all the unit material</td>
<td>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</td>
</tr>
<tr>
<td><strong>L.O. 4</strong></td>
<td><strong>Pass</strong></td>
<td><strong>Credit</strong></td>
<td><strong>Distinction</strong></td>
<td><strong>High Distinction</strong></td>
</tr>
<tr>
<td>Business Understanding</td>
<td>Understands the basic idea of how to build a successful business including some of the elements of marketing, operations, financials and control.</td>
<td>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.</td>
<td>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.</td>
<td>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.</td>
</tr>
<tr>
<td>L.O. 5</td>
<td>Pass</td>
<td>Credit</td>
<td>Distinction</td>
<td>High Distinction</td>
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<tr>
<td>Communication</td>
<td>Understands the basic idea of how to customise and present information for different purposes and/or stakeholders and can demonstrate basic written and oral delivery skills</td>
<td>Understands the concepts of how to customise and present information for different purposes and/or stakeholders and can demonstrate reasonable written and oral delivery skills</td>
<td>Understands the nature of business communications and how to appeal to the needs of various stakeholder groups and can demonstrate good written and oral delivery skills</td>
<td>Understands the nature of business communications and how to appeal to the needs of various stakeholder groups and can demonstrate superior written and oral delivery skills</td>
</tr>
</tbody>
</table>