MGMT8005

Managing Technology

Session 1, Weekday attendance, North Ryde 2020

Department of Management

Contents

General Information

Unit convenor and teaching staff Will Renner will.renner@mq.edu.au
Credit points 10
Prerequisites Admission to MMgmt or MEngMgt
Corequisites
Co-badged status
Unit description Digital innovation is disrupting markets, organisations and management itself. It is an important means for creating value for customers and a necessary aspect of a modern manager's mindset. Managers have to be able to critically evaluate the nature and significance of digital technology to understand unfolding trends and avoid fads. Digital innovation also offers new techniques and tools for effective organisational management in dynamic environments. In this unit, students will develop the knowledge and skills required to manage technology and innovation. They will learn to reconceptualise how business is done with technology to promote sustainable business performance, research and design solutions to enhance decision making, and manage innovation.

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: Evaluate the concepts of digital innovations and disruption.

ULO2: Critique a range of digital business models which sustain competitive advantage in products and services.

ULO3: Apply digital business models to new business settings.

ULO4: Produce a business digital transformation plan that recommends solutions to enhance organisations' decision making and the management of innovation.

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

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

Required text	There is no required text.
Unit web page	The web page for this unit can be found at: https://ilearn.mq.edu.au/login/
Technology Used and Required	Students are required to have access to a personal computer and familiarise themselves with iLearn (https://ilearn.mq.edu.au/login/). iLearn will be used to post lecture slides, assessment details, student grades and as a means of communication between staff members and students. Students are encouraged to bring a laptop or tablet to class.
Delivery Format and Other Details	• Number and length of classes: Each class is **3 hours long**, including lecture and seminar activities. Classes may vary due to public holiday(s). • The timetable for classes can be found on the University web site at: http://www.timetables.mq.edu.au/
Recommended readings	Additional readings pertinent to each session will be uploaded accordingly on the iLearn page prior to the session. No learning material will be provided in hard copy format.
Inherent Requirements	It will be assumed that the assigned reading for each session has been done prior to class. Class time will be spent ensuring that you have understood this material and exploring new developments and extensions to the basic concepts. Class case discussions and project preparations will be used as methods for active participatory learning. The grade you obtain for them together with the participation grade will measure the effectiveness of the learning process. If you are unable to attend a class session or have to arrive late or leave early, please let me know before the session concerned as this will have an obvious impact on the planned syndicate work. If this situation occurs, you should also arrange with a fellow class member to collect any handouts and other information for you.

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

Please see iLearn.

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.

Learning and Teaching Activities

TechTalk workshops

Informal TechTalk workshops/demos will help students share their knowledge and broaden class understanding of digital technology: a) demonstrations of how basic internet technologies actually work. Topics might include TCP/IP, DNS, API, Cookies, CSS, HTML; b) mobile apps and

e-commerce platforms; c) IoT technologies and tech gear. You should plan to present one 5 minute TechTalk during the term in which you will demo a technology to the class.

Knowledge base

Students are encouraged to contribute to the development of a shared KB to support class (social) learning.