



# ITEC699

## Foundation Topic in Computing

S1 Day 2019

*Dept of Computing*

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## General Information

Unit convenor and teaching staff

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Credit points

4

Prerequisites

Admission to MInfoTech or MEng or MSc or MDataSc or MScInnovation or GradDipIT

Corequisites

Co-badged status

This unit is a shell unit taught with either COMP229 or ISYS224.

Unit description

This unit comprises study of a topic in the areas of computing and information systems. The area studied is tailored to students. Emphasis is on both the understanding of analytical/theoretical concepts and problem-solving applications.

## 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:

Demonstrate the learning outcomes of the unit they participated in

## General Assessment Information

This unit is a shell unit.

Students (who first enrolled prior to 2019) will follow the curriculum and complete the assessment of another assigned unit: ITEC625, ITEC649 (co-badged with COMP249) or ITEC624 (co-badged with ISYS224). Please refer to the unit guides of each unit specified above for detailed information.

## Assessment Tasks

| Name                         | Weighting | Hurdle | Due |
|------------------------------|-----------|--------|-----|
| <a href="#">Assessment 1</a> | 50%       | No     | TBA |
| <a href="#">Assessment 2</a> | 50%       | No     | TBA |

### Assessment 1

Due: **TBA**

Weighting: **50%**

Dummy entry, please see the target unit (COMP225/COMP249/ISYS224) unit guide for details of the assessment requirements for this unit.

On successful completion you will be able to:

- Demonstrate the learning outcomes of the unit they participated in

### Assessment 2

Due: **TBA**

Weighting: **50%**

Dummy entry, please see the target unit (COMP225/COMP249/ISYS224) unit guide for details of the assessment requirements for this unit.

On successful completion you will be able to:

- Demonstrate the learning outcomes of the unit they participated in

## Delivery and Resources

See the Unit Guide of the corresponding class.

## Unit Schedule

Please refer to the specific unit guide this unit is mapped to. Typically, there are 13 weeks of lectures.

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](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.*)

Undergraduate students seeking more policy resources can visit the [Student Policy Gateway \(https://students.mq.edu.au/support/study/student-policy-gateway\)](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 \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](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](https://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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](http://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 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](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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/](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.

## Graduate Capabilities

### 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 outcome

- Demonstrate the learning outcomes of the unit they participated in

### Assessment tasks

- Assessment 1
- Assessment 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:

### **Assessment tasks**

- Assessment 1
- Assessment 2

## **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:

### **Assessment tasks**

- Assessment 1
- Assessment 2

## **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 outcome**

- Demonstrate the learning outcomes of the unit they participated in

### **Assessment tasks**

- Assessment 1
- Assessment 2

## **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 systemically 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 outcome**

- Demonstrate the learning outcomes of the unit they participated in

### **Assessment tasks**

- Assessment 1
- Assessment 2

## **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 outcome**

- Demonstrate the learning outcomes of the unit they participated in

### **Assessment tasks**

- Assessment 1
- Assessment 2

## **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 outcome**

- Demonstrate the learning outcomes of the unit they participated in

### **Assessment tasks**

- Assessment 1

- Assessment 2

## **Changes from Previous Offering**

For students enrolled in the MIT prior to 2019 ITEC699 is a shell unit where in practice students undertake either ITEC625, ITEC624 or ITEC649 in practice.

For students enrolled in the MIT from 2019 onwards ITEC699 becomes a shell unit where (with special enrollment permission and an appropriate supervisor) students undertake a project with a supervisor.