Discipline of ICT
School of Technology Environments and Design
College of Sciences and Engineering

KIT402 / KIT403
ICT RESEARCH DISSERTATION A & B

50 Credit points

Semester 1, 2019

Unit Outline

Unit Coordinator
Dr Robert Ollington
CONTACT DETAILS

Unit coordinator

Unit coordinator: Robert Ollington
Campus: Sandy Bay
Email: Robert.Ollington@utas.edu.au
Phone: 6226 2991
Room location and number: Centenary Room 467
Consultation hours: TBC

Other teaching staff

Project supervisor(s)
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WHAT IS THE UNIT ABOUT?

Unit description

This unit is the first of two research project units.

Students undertake research work under the supervision of a member of academic staff on a topic approved by the School, and produce a thesis document that reports and discusses the findings from this research and also give a formal presentation of their work.

Intended Learning Outcomes

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

1. select, adapt and effectively apply research processes, methodologies, tools, and techniques to plan, conduct and manage an independent ICT-related research project
2. critically analyse research literature to conduct a literature review
3. be aware of the social consequences of ICT-related research and respond appropriately to ethical considerations and act in accordance with best practice and industry standards
4. analyse, synthesise and evaluate factors to answer a research question, and to defend a research approach
5. document and communicate effectively the research techniques used and the results of the research both orally and in a written thesis
6. evaluate and communicate the likely utility of emerging or advanced ICT to an individual or organization
7. apply abstraction and computational, creative and critical thinking to a problem, identify and define the ICT requirements, apply knowledge of advanced ICT principles and technical skills to develop and evaluate strengths and weaknesses of potential solutions
Graduate Quality Statement

Successful completion of this unit supports your development of course learning outcomes, which describe what a graduate of a course knows, understands and is able to do. Course learning outcomes are available from the Course Coordinator. Course learning outcomes are developed with reference to national discipline standards, Australian Qualifications Framework (AQF), any professional accreditation requirements and the University of Tasmania’s Graduate Statement.

The University of Tasmania experience unlocks the potential of individuals. Our graduates are equipped and inspired to shape and respond to the opportunities and challenges of the future as accomplished communicators, highly regarded professionals and culturally competent citizens in local, national, and global society. University of Tasmania graduates acquire subject and multidisciplinary knowledge and skills, and develop critical and creative literacies and numeracies and skills of inquiry. They demonstrate the ability to apply this knowledge in changing circumstances. Our graduates recognise and critically evaluate issues of social responsibility, ethical conduct and sustainability, are entrepreneurial and creative, and are mindful of their own wellbeing and that of the community. Through respect for diversity and by working in collaborative ways, our graduates reflect the values of the University of Tasmania.

Alterations to the unit as a result of student feedback

No alterations have been made since the last delivery of this unit.

Prior knowledge &/or skills

Enrolled in an honours program, have supervisor
HOW WILL I BE ASSESSED?

Assessment schedule

<table>
<thead>
<tr>
<th>Assessment task</th>
<th>Date due</th>
<th>Percent weighting</th>
<th>Links to Intended Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presentation</td>
<td>Not Yet Determined</td>
<td>10</td>
<td>LO1, LO2, LO3, LO4, LO5, LO6, LO7</td>
</tr>
<tr>
<td>Thesis</td>
<td>Not Yet Determined</td>
<td>90</td>
<td>LO1, LO2, LO3, LO4, LO5, LO6, LO7</td>
</tr>
</tbody>
</table>

Assessment details

Assessment Task 1: Presentation

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Criterion Description</th>
<th>Measures ILO:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formal Presentation - Students will deliver a 20 minute presentation on their thesis.</td>
<td>See the 'Assessment' section in unit website for more detailed information about assessment items.</td>
<td>LO1, LO2, LO3, LO4, LO5, LO6, LO7</td>
</tr>
</tbody>
</table>

Task Length: 20 minutes + 10 minutes question time
Due by date: Not Yet Determined

Assessment Task 2: Thesis

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Criterion Description</th>
<th>Measures ILO:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis - Students prepare a major thesis describing their research project.</td>
<td>See the 'Assessment' section in unit website for more detailed information about assessment items.</td>
<td>LO1, LO2, LO3, LO4, LO5, LO6, LO7</td>
</tr>
</tbody>
</table>

Task Length
Due by date: Not Yet Determined
How your final result is determined

To pass this unit, you need to demonstrate your attainment of each of the Intended Learning Outcomes.

Overall assessment will be based on the student's performance throughout the semester. In order to achieve a pass (or better) result, a student must obtain at least 50% of the overall mark.

Submission of assignments

The act of submitting your assignment will be taken as certification that it is your own work.

Requests for extensions

Assessment items will not be accepted after the due date except under the conditions stated in the Discipline policy on late assessment. http://www.utas.edu.au/__data/assets/pdf_file/0003/231960/ExtensionPolicy.pdf (PDF 100KB). A request for an extension to the due date for an assessment task should be made in writing and submitted to the Unit Coordinator THREE (3) days before the assignment due date. Independent documentation (medical certificate, counsellor’s report, etc.) in support of the application should be attached to the form OR a current Learning Access Plan may be used as supporting documentation, as appropriate.

If you are ill on the day of an examination or have other serious circumstances which prevent you from sitting an examination, you may apply for a deferred examination (see http://www.utas.edu.au/__data/assets/pdf_file/0006/314628/ApplicationforaDeferredExamination1.4.pdf (PDF 290KB) for form and further details). If you are ill, you should see a doctor on the day of the examination and the doctor must return the form to the Exams Office within 3 working days of the examination. Please note that having a medical certificate does not guarantee that a deferred examination will be approved.

Students who have completed an examination(s) and who feel that they have been disadvantaged due to illness or other circumstances affecting their study may request special consideration in the marking of their examination(s) (see http://www.utas.edu.au/__data/assets/pdf_file/0019/314623/SpecialConsideration. pdf (PDF 143KB) for form). Forms should be submitted directly to the relevant discipline, accompanied by appropriate supporting documentation, as soon as possible after the completion of the examination(s) and no more than 3 working days after completion of the student’s last examination. Granting of special consideration is at the discretion of the lecturer and discipline.
Penalties

Students who submit assignment work after the due date (without having obtained an extension by the method specified above) will have the work assessed subject to the following penalty:

• Up to 24 hours after the due date. The assignment will be marked in the usual way and the mark recorded will be 80% of the actual mark obtained.

• More than 24 hours and up to 7 days after the due date. The assignment will be marked in the usual way and the mark recorded will be 50% of the actual mark obtained.

• Later than 7 days after the due date – the assignment will not be marked.

For some internal work it is not possible to accept late assignment submissions. The Unit Coordinator will ensure that it is stated on the description of the assessment task if late submissions will not be accepted. In this case, any work submitted late (without an approved extension) will receive zero marks no matter how late.

Review of results and appeals

1. It is expected that students will adhere to the following policy for review of any piece of continuous assessment.

a. Within 5 days of the release of the assessment result, the student should request an appointment with the Lecturer. The student should be prepared to discuss specifically which section of the marking criteria they are disputing and why they consider the mark is inappropriate.

b. Following this discussion, students may request a formal remark of the original submission (in accordance with Rule of Academic Assessment 111, clause 22.1). This remark will be undertaken, where practicable, by an alternative assessor.

2. Students may also request a review of the final result in a unit. The request and payment must be made within 10 days from the date of the result notification. Students are referred to Rule of Academic Assessment 111, clause 23 at http://www.utas.edu.au/universitycouncil/universitygovernance/rules and http://www.utas.edu.au/__data/assets/pdf_file/0018/314622/ReviewofAssessment.pdf.
Academic referencing

In your written work you will need to support your ideas by referring to scholarly literature, works of art and/or inventions. It is important that you understand how to correctly refer to the work of others, and how to maintain academic integrity.

The University library provides information on presentation of assignments, including referencing styles and should be referred to when completing tasks in this unit.

Please read the following statement on plagiarism. Should you require clarification please see your unit coordinator or lecturer.

Plagiarism

Plagiarism is a form of cheating. It is taking and using someone else's thoughts, writings or inventions and representing them as your own; for example, using an author's words without putting them in quotation marks and citing the source, using an author's ideas without proper acknowledgment and citation, copying another student's work.

If you have any doubts about how to refer to the work of others in your assignments, please consult your lecturer or tutor for relevant referencing guidelines. You may also find the Academic Honesty site on MyLO of assistance.

The intentional copying of someone else's work as one's own is a serious offence punishable by penalties that may range from a fine or deduction/cancellation of marks and, in the most serious of cases, to exclusion from a unit, a course or the University.

The University and any persons authorised by the University may submit your assessable works to a plagiarism checking service, to obtain a report on possible instances of plagiarism. Assessable works may also be included in a reference database. It is a condition of this arrangement that the original author's permission is required before a work within the database can be viewed.

For further information on this statement and general referencing guidelines, see the Plagiarism and Academic Integrity page on the University web site or the Academic Honesty site on MyLO.

Academic misconduct

Academic misconduct includes cheating, plagiarism, allowing another student to copy work for an assignment or an examination, and any other conduct by which a student:
a. seeks to gain, for themselves or for any other person, any academic advantage or advancement to which they or that other person are not entitled; or

b. improperly disadvantages any other student.

Students engaging in any form of academic misconduct may be dealt with under the Ordinance of Student Discipline, and this can include imposition of penalties that range from a deduction/cancellation of marks to exclusion from a unit or the University. Details of penalties that can be imposed are available in Ordinance 9: Student Discipline – Part 3 Academic Misconduct.

**Student Behaviour**

The University Behaviour Policy sets out behaviour expectations for all members of our University community including students and staff.

The aim in doing so is to ensure that our community members are safe, feel valued and can actively contribute to our University mission.

It is expected that community members behave in a manner that is consistent with our University values – respect, fairness and justice, integrity, trust, responsibility and honesty. There are also certain behaviours that are considered inappropriate, such as unlawful discrimination, bullying and sexual misconduct.

The accompanying University Behaviour Procedure sets out the process and avenues that University community members can access to resolve concerns and complaints regarding inappropriate behaviour by a University community member. Wherever possible, the focus will be on early intervention and a ‘restorative’ approach that creates awareness of inappropriate behaviour and its impact on others. However, in some cases, students who engage in inappropriate behaviour may be subject to disciplinary proceedings, which may impact upon continuation of their studies.

Students can seek support and assistance from the Safe and Fair Community Unit SaFCU@utas.edu.au or ph: 6226 2560.

Matters are dealt with in confidence and with sensitivity.
WHAT LEARNING OPPORTUNITIES ARE THERE?

MyLO

MyLO is the online learning environment at the University of Tasmania. This is the system that will host the online learning materials and activities for this unit.

Getting help with MyLO

It is important that you are able to access and use MyLO as part of your study in this unit. To find out more about the features and functions of MyLO, and to practice using them, visit the Getting Started in MyLO unit. For access to information about MyLO and a range of step-by-step guides in pdf, word and video format, visit the MyLO Student Support page on the University website. If something is not working as it should, contact the Service Desk (Service.Desk@utas.edu.au, phone 6226 1818), or Request IT Help Online.

Resources

Required readings
None

Recommended readings
Various guides to thesis writing are available from the University Library.

Activities

Learning expectations

The University is committed to high standards of professional conduct in all activities, and holds its commitment and responsibilities to its students as being of paramount importance. Likewise, it holds expectations about the responsibilities students have as they pursue their studies within the special environment the University offers.

Students are expected to participate actively and positively in the teaching/learning environment. They must attend classes when and as required, strive to maintain steady progress within the subject or unit framework, comply with workload expectations, and submit required work on time.
Details of teaching arrangements

1hr seminar in week 1

Regular meetings with your supervisor throughout the semester.

Specific attendance/performance requirements

As required by supervisor

Work Health and Safety (WHS)

The University is committed to providing a safe and secure teaching and learning environment. In addition to specific requirements of this unit you should refer to the University's [Work Health and Safety website](#) and policy.

Communication

News and announcements will be posted to MyLO News, and students will be expected to be aware of the content of such posts within 48 hours of them being posted.

All questions about assessment that have not been answered in the descriptions here in the Unit Outline, or in the instructions on MyLO, can be asked using the Discussion Topic named for the specific assessment task. Questions will be responded to within the same Discussion within 72 hours.

Concerns and complaints

The University is committed to providing an environment in which any concerns and complaints will be treated seriously, impartially and resolved as quickly as possible. We are also committed to ensuring that a student may lodge a complaint without fear of disadvantage. If you have a concern, information about who to contact for assistance is available on the [How to resolve a student complaint](#) page.

Further information and assistance

If you are experiencing difficulties with your studies or assignments, have personal or life-planning issues, disability or illness which may affect your course of study, you are advised to raise these with the unit coordinator in the first instance.

There is a range of University-wide support services available to you including [Student Learning Support](#), [Student Advisers](#), [Disability Services](#), and more which can be found on the [Student Support and Development](#) page of the University website.

Should you require assistance in accessing the [Library, visit their website](#) for more information.
## Unit schedule

<table>
<thead>
<tr>
<th>WEEK/TOPIC</th>
<th>ACTIVITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>