UNIVERSITY *of* TASMANIA

Unit Outline

KIT700

ICT Systems Project

Semester 2, 2025

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College of Sciences and Engineering

CRICOS Provider Code: 00586B

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What is the Unit About?

Unit Description

The capstone project unit provides an opportunity for students to consolidate the knowledge and skills they have acquired in their course and apply them to an authentic ICT team project. This unit extends the students development of the technical, communication and teamwork skills required by ICT professionals in practice. Students will extend their knowledge and skills in the areas of project management and system development using the agile methodology. Students will have the opportunity to apply their specialisation specific knowledge and skills that they have acquired to a significant project.

Intended Learning Outcomes

As per the Assessment and Results Policy 1.3, your results will reflect your achievement against specified learning outcomes.

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

1   Use project management processes and methodologies to design and develop an ICT solution that supports the needs of a client and adheres to professional standards

2   Apply a user-centred approach to design and evaluate an ICT solution while collaborating and communicating with a range of stakeholders

3   Effectively communicate technical and non-technical information to a range of stakeholders

4   Apply effective teamwork skills to collaborate, communicate and contribute to shared goals in ICT professional practice

Requisites

REQUISITE TYPE	REQUISITES
Pre-requisite	125 credit points passed in K7I MITS. KIT503

Alterations as a result of student feedback

This is a new unit and has not received any student feedback yet.

Teaching arrangements

ATTENDANCE MODE	TEACHING TYPE	LEARNING ACTIVITY	CONTACT HOURS	FREQUENCY
On Campus	Lecture (Online)	A real-time (i.e. synchronous) interactive activity involving the whole class whose primary purpose is the presentation and structuring of information/ideas/skills to facilitate student learning. All students are expected to attend.	1	Study Period 5 times
	Workshop	A structured real-time (i.e. synchronous) activity that involves a mix of presentation of new information/ideas/skills and guided activities related to that information/ideas/skills. All students are expected to attend.	6	Study Period 1 time
	Tutorial	A structured real-time (i.e. synchronous) activity in a small-group setting where the primary purpose is the clarification, exploration or reinforcement of subject content presented or accessed at another time or place (e.g. lecture, preparatory work). It is reliant on student-teacher and student-student interaction and dialogue for achievement of its learning outcomes. The students enrolled in the tutorial are expected to attend.	0.50	Study Period 6 times

Attendance / engagement expectations

If your unit is offered On campus, it is expected that you will attend all on-campus and onsite learning activities. This is to support your own learning and the development of a learning community within the unit. If you are unable to attend regularly, please discuss the situation with your course coordinator and/or our UConnect support team.

If your unit is offered Online or includes online activities, it is expected you will engage in all those activities as indicated in the Unit Outline or MyLO, including any self-directed learning.

If you miss a learning activity for a legitimate reason (e.g., illness, carer responsibilities) teaching staff will attempt to provide alternative activities (e.g., make up readings) where it is possible.

How will I be Assessed?

For more detailed assessment information please see MyLO.

Assessment schedule

ASSESSMENT TASK #	ASSESSMENT TASK NAME	DATE DUE	WEIGHT	LINKS TO INTENDED LEARNING OUTCOMES
Assessment Task 1:	Initiation Report	Week 2	20 %	LO1, LO2, LO3, LO4
Assessment Task 2:	Agile Sprint 1	Week 5	20 %	LO1, LO2, LO3, LO4
Assessment Task 3:	Agile Sprint 2	Week 8	20 %	LO1, LO2, LO3, LO4
Assessment Task 4:	Agile Sprint 3	Week 12	20 %	LO1, LO2, LO3, LO4
Assessment Task 5:	Professionalism	Week 13	10 %	LO1, LO3, LO4
Assessment Task 6:	Demo Presentation	Week 14	10 %	LO3, LO4

Assessment details

Assessment Task 1: Initiation Report

Task Description:	PART A: INITIATION REPORT. Your team will develop a professional report that outlines the project objectives, scope, resources and overall approach. This sets the foundation for the planning, executive and delivery of the ICT solution. PART B: PEER AND SELF-EVALUATION. Each team member will need to complete a self-evaluation and review the self-evaluations of their team members. They will then have to complete a confidential peer-evaluation on the contribution of their team members to the Initiation Report.
Task Length:	10 pages
Due Date:	Week 2
Weight:	20 %

CRITERION #	CRITERION	MEASURES INTENDED LEARNING OUTCOME(S)
1	Project Scope and Objectives	LO1, LO3
2	Identification of users and their requirements	LO1, LO2, LO3
3	Project Schedule and Milestones	LO1, LO3
4	Risk Analysis and Mitigation	LO1, LO3
5	Review and assess your own and your peers' contributions and conduct towards the project and identify any opportunities for improvement	LO4

Assessment Task 2: Agile Sprint 1

Task Description:	PART A: AGILE SPRINT 1. Teams will create a Sprint Backlog, identifying the tasks for Sprint 1. Teams will then work on these tasks. At the end of the sprint, teams will present a Sprint Review demonstrating what has been achieved in Sprint 1 to stakeholders and gather feedback to ensure the product aligns with their needs and expectations. Teams will also prepare a professional business report documenting Sprint 1. For the role you are allocated in the team, you will develop a 2 page overview describing the progress of the tasks associated with this role, as well as challenges you faced during this Sprint. You will present and discuss this overview at the scheduled Retrospective Meeting. Each team member must also describe and showcase their individual contributions in this Sprint. PART B: PEER AND SELF-EVALUATION. Each team member will need to complete a self-evaluation and review the self-evaluations of their team members. They will then have to

complete a confidential peer-evaluation of the contribution of their team
members to Agile Sprint 1.

Task Length:	SPRINT 1 duration: 3 weeks (3 days per week) Report: 10 pages
Due Date:	Week 5
Weight:	20 %

CRITERION #	CRITERION	MEASURES INTENDED LEARNING OUTCOME(S)
1	Articulate the decisions taken, as well as the progress towards development of ICT solution	LO1, LO2, LO3
2	Review and assess your own and your peers' contributions and conduct towards the project and identify any opportunities for improvement	LO4
3	Design and develop the first phase of an ICT solution	LO1, LO2

Assessment Task 3: Agile Sprint 2

Task Description: PART A: AGILE SPRINT 2.

Teams will create Sprint Backlog 2, identifying the tasks for Sprint 2. Teams will then work on these tasks. At the end of the sprint, teams will present a Sprint Review demonstrating what has been achieved in Sprint 2 to stakeholders and gather feedback to ensure the produce aligns with their needs and expectations. Teams will also prepare a professional business report documenting Sprint 2.

For the role you are allocated in the team, you will develop a 2 page overview describing the progress of the tasks associated with this role, as well as challenges you faced during Sprint 2. You will present and discuss this overview at the scheduled Retrospective Meeting. Each team member must also describe and showcase their individual contributions in this sprint.

PART B: PEER AND SELF-EVALUATION.

Each team member will need to complete a self-evaluation and review the self-evaluations of their team members. They will then have to complete a confidential peer-evaluation of the contribution of their team members to Agile Sprint 2.

Task Length:	Sprint 2 duration: 3 weeks (3 days per week) Report: 10 pages
Due Date:	Week 8
Weight:	20 %

CRITERION #	CRITERION	MEASURES INTENDED LEARNING OUTCOME(S)
1	Report on the progress towards the development of an ICT solution in relation to user requirements.	LO1, LO3
2	Report on the methodology and outcomes to elicit client feedback on the ICT solution and plans for the next phase of development.	LO2, LO3
3	Review and assess your own and your peers' contributions and conduct towards the project and identify any opportunities for improvement	LO4
4	Design and develop the second phase of the ICT solution	LO1, LO2

Assessment Task 4: Agile Sprint 3

Task Description: PART A: AGILE SPRINT 3.

Teams will create Sprint Backlog 3, identifying the tasks for Sprint 2. Teams will then work on these tasks. At the end of the sprint, teams will present a Sprint Review demonstrating what has been achieved in Sprint 3 to stakeholders and gather feedback to ensure the produce aligns with their needs and expectations. Teams will also prepare a professional business report documenting Sprint 3.

For the role you are allocated in the team, you will develop a 2 page overview describing the progress of the tasks associated with this role, as well as challenges you faced during Sprint 3. You will present and discuss this overview at the scheduled Retrospective Meeting. Each team member must also describe and showcase their individual contributions in this Sprint.

PART B: PEER AND SELF-EVALUATION.

Each team member will need to complete a self-evaluation and review the self-evaluations of their team members. They will then have to complete a confidential peer-evaluation of the contribution of their team members to Agile Sprint 3.

Task Length:	Sprint 3 duration: 3 weeks (3 days per week) Report: 10 pages
Due Date:	Week 12
Weight:	20 %

CRITERION #	CRITERION	MEASURES INTENDED LEARNING OUTCOME(S)
1	Report on how the requirements and expectations have been achieved by the final ICT solution	LO1, LO3
2	Review and assess your own and your peers' contributions and conduct towards the project and identify any opportunities for improvement	LO4
3	Describe and justify the methodology and outcomes to evaluate the final ICT solution and its compliance with best practice	LO1, LO3
4	Report on the methodology and outcomes to elicit client feedback on the ICT solution and plans for future development	LO2, LO3
5	Design and develop the final phase of the ICT solution	LO1, LO2

Assessment Task 5: Professionalism

Task Description: Your professionalism in this unit will be assessed through various measures, including client feedback and your contributions during project meetings.

Task Length: N/A

Due Date: Week 13

Weight: 10 %

CRITERION #	CRITERION	MEASURES INTENDED LEARNING OUTCOME(S)
1	Articulate your contributions and ideas through active participation in scheduled stand up meetings.	LO4
2	Discuss and document your contributions in client-oriented activities throughout the project.	LO3, LO4
3	Articulate your contributions to the development of an ICT solution in scheduled team reviews of your solution.	LO1, LO3

Assessment Task 6: Demo Presentation

Task Description: PART A: PRESENTATION.

Teams will present and/or demo their ICT solution in Week 14.

PART B: PEER AND SELF-EVALUATION.

Each team member will need to complete a self-evaluation and review the self-evaluations of their team members. They will then have to complete a confidential peer-evaluation of the contribution of their team members to Agile Sprint 3.

Task Length: To be advised.

Due Date: Week 14

Weight: 10 %

CRITERION #	CRITERION	MEASURES INTENDED LEARNING OUTCOME(S)
1	Explanation/Demonstration of ICT solution	LO3
2	Use of visuals and supporting material	LO3
3	Delivery and Engagement	LO3
4	Review and assess your own and your peers' contributions and conduct towards the project and identify any opportunities for improvement.	LO4

How your final result is determined

To pass this unit, you need to demonstrate your attainment of each of the Intended Learning Outcomes, achieve a final unit grade of 50% or greater, and pass any hurdle tasks.

Academic progress review

The results for this unit may be included in a review of your academic progress. For information about progress reviews and what they mean for all students, see Academic Progress Review in the Student Portal.

Submission of assignments

Where practicable, assignments should be submitted to an assignment submission folder in MYLO. You must submit assignments by the due date or receive a penalty (unless an extension of time has been approved by the Unit Coordinator). Students submitting any assignment in hard copy, or because of a practicum finalisation, must attach a student cover sheet and signed declaration for the submission to be accepted for marking.

Academic integrity

Academic integrity is about acting responsibly, honestly, ethically, and collegially when using, producing, and communicating information with other students and staff members.

In written work, you must correctly reference the work of others to maintain academic integrity. To find out the referencing style for this unit, see the assessment information in the MyLO site, or contact your teaching staff. For more detail about Academic Integrity, see Important Guidelines & Support.

Requests for extensions

If you are unable to submit an assessment task by the due date, you should apply for an extension.

A request for an extension should first be discussed with your Unit Coordinator or teaching support team where possible. A request for an extension must be submitted by the assessment due date, except where you can provide evidence it was not possible to do so. Typically, an application for an extension will be supported by documentary evidence: however, where it is not possible for you to provide evidence please contact your Unit Coordinator.

The Unit Coordinator must notify you of the outcome of an extension request within 3 working days of receiving the request.

Late penalties

Assignments submitted after the deadline will receive a late penalty of 5% of the original available mark for each calendar day (or part day) that the assignment is late. Late submissions will not be accepted more than 10 calendar days after the due date, or after assignments have been returned to other students on a scheduled date, whichever occurs first. Further information on Late Penalties can be found on the Assessments and Results Procedure.

Review of results and appeals

You are entitled to ask for a review of the marking and grading of your assessment task if there is an irregularity in the marking standards or an error in the process for determining the outcome of an assessment. Details on how to request a review of a mark for an assignment are outlined in the Review and Appeal of Academic Decisions Procedure.

Required Resources

Required reading materials

Recommended reading materials

Other required resources

COMPUTING FACILITIES
The Discipline of ICT has PC labs, Mac labs, and special purpose Networking labs at the Newnham and Sandy Bay campuses. All students are provided with logins for Windows, Macintosh and Unix environments. If you have not used these facilities before please contact the ICT Help Desk. If you would like to access these facilities after hours please contact the ICT Help Desk.

USE OF FACILITIES
Use of computing facilities provided by the Discipline of ICT is subject to the Discipline's Ethics Guidelines, details of which are posted at http://www.utas.edu.au/technologyenvironmentsdesign/ict/currentstudentresources/ethicsguidelines.

Copies of the guidelines are also available in all ICT labs. The Discipline's facilities may only be used for study related purposes, and may not be used for personal gain. Antisocial behaviour in labs such as game playing, viewing pornography, loud discussion, audio without the use of headphones, etc is strictly prohibited in all labs at all times.

Eating, drinking, and smoking is not permitted in the labs. Before being granted access to the Discipline's facilities, you will be required to sign a declaration that you have read and understand these guidelines, and that you will abide by them. You will also be required to complete the relevant MyLO course to gain access. Disciplinary action may be taken against students who violate the guidelines. Details about gaining access to the labs can be found at ICT Reception.