USC

COURSE OUTLINE

ICT342 ICT Industry Project

Course Coordinator: Leonardo Cavalli (lcavalli@usc.edu.au) **School:** School of Science, Technology and Engineering

2021 | Semester 2

| USC Sunshine Coast | ON CAMPUS | Most of your course is on campus but you may be able to do some components of this course online. |
| Online | ONLINE | You can do this course without coming onto campus. |

Please go to the USC website for up to date information on the teaching sessions and campuses where this course is usually offered.

1. What is this course about?

1.1. Description

This course provides an opportunity for you to work in a team to develop an ICT artefact for an organisation. It involves completion of a set of work activities under the guidance and supervision of an academic supervisor at the University of the Sunshine Coast and an industry supervisor from the partner organisation. You should apply knowledge and skills gained throughout your university studies and develop a practical understanding of the industry and/or profession.

The student group meet regularly with the client to discuss progress (WIL Component) - this is an ACS requirement and is designed to emulate real world conditions of ICT development.

1.2. How will this course be delivered?

ACTIVITY	HOURS	BEGINNING WEEK	FREQUENCY
ON CAMPUS			
Tutorial/Workshop 1 – In class workshop to collaborate on group projects and report back on progress	3hrs	Week 1	13 times
ONLINE 1			
Tutorial/Workshop 1 – Interactive zoom workshop to collaborate on group projects and report back on progress	3hrs	Week 1	13 times

1.3. Course Topics

In this course, differnt projects are assigned to groups. The projects will determine topics under study.

2. What level is this course?

> 300 Level (Graduate)

Demonstrating coherence and breadth or depth of knowledge and skills. Independent application of knowledge and skills in unfamiliar contexts. Meeting professional requirements and AQF descriptors for the degree. May require pre-requisites where discipline specific introductory or developing knowledge or skills is necessary. Normally undertaken in the third or fourth full-time study year of an undergraduate program.

3. What is the unit value of this course?

> 12 units

4. How does this course contribute to my learning?

COURSE LEARNING OUTCOMES	GRADUATE QUALITIES
On successful completion of this course, you should be able to...	Completing these tasks successfully will contribute to you becoming...
1 Successfully apply theoretical knowledge to practical situations.	Creative and critical thinker Empowered
2 Critically and systematically evaluate ICT professional issues relevant to an organisation and its work.	Creative and critical thinker Engaged
3 Reflect on and learn from professional experience demonstrating personal and professional responsibility for own learning and work outcomes evidenced by self-evaluation of performance and development of improvement strategies.	Empowered Engaged
4 Work proactively individually and in teams to design, coordinate and implement a project or successfully complete work activities.	Creative and critical thinker Empowered Engaged
5 Demonstrate effective written and oral communication skills in project management, Problem solving, and presentation.	Empowered Engaged

5. Am I eligible to enrol in this course?

Refer to the USC Glossary of terms for definitions of "pre-requisites, co-requisites and anti-requisites".

5.1. Pre-requisites

> 3 x third year ICT courses or equivalent advanced level courses approved by Course Coordinator

5.2. Co-requisites

> Not applicable

5.3. Anti-requisites

> Not applicable

5.4. Specific assumed prior knowledge and skills (where applicable)

You should be in your third year of the ICT degree to have the necessary skills to undertake an ICT project.

6. How am I going to be assessed?

6.1. Grading Scale

> Standard Grading (GRD)

High Distinction (HD), Distinction (DN), Credit (CR), Pass (PS), Fail (FL).

6.2. Details of early feedback on progress

Formative feedback will be given on workshop activities during the semester including weekly reflective diary entries and oral presentation skills. Formative feedback will also be provided after week 5 project proposal (approved by the client and marked by the course coordinator).

6.3. Assessment tasks

DELIVERY MODE	TASK NO.	ASSESSMENT PRODUCT	INDIVIDUAL OR GROUP	WEIGHTING %	WHAT IS THE DURATION / LENGTH?	WHEN SHOULD I SUBMIT?	WHERE SHOULD I SUBMIT IT?
All	1	Journal	Individual	30%	100 to 500 words each weekly entry	Throughout teaching period (refer to Format)	Online Assignment Submission with plagiarism check
All	2	Written Piece	Group	25%	750 to 1,000 words (+/- 10%)	Week 5	Online Assignment Submission with plagiarism check
All	3	Oral and Written Piece	Individual and Group	45%	10 to 15 minutes presentation and2,000 to 2,500 words (+or -10%) words max	Week 13	Online Assignment Submission with plagiarism check

All - Assessment Task 1: Weekly reflective E-log journal

GOAL:	To reflect on your ICT industry project, comparing theory to practice and measuring your own progress towards listed objectives.
PRODUCT:	Journal
FORMAT:	This is an individual assessment. Each weekly reflective E-log journal entry should indicate the major task/s on which you have worked on during the current week and comment on your view of your progress towards your objectives at the current time. If you are facing a particular challenge or problem it would be pertinent to make that the focus of your journal entry.

CRITERIA:	No.		Learning Outcome assessed
	1	Self-Management: Demonstrate a capacity for responsible and adaptive self-management necessary for building a successful business career.	3
	2	Specifically, reflective writing relevant to the scope and tasks of the project evidencing an ability to: reflection on and learning from professional experience	5
	3	personal and professional responsibility for own learning and work outcomes	3
	4	critical and systematic evaluation of contemporary ICT issues relevant to an organisation and its work	2
	5	application of theoretical knowledge to practical situations	1

All - Assessment Task 2: Project proposal

GOAL:	To develop a proposal on your project that is structured to allow for the successful achievement of both your goals and those of the industry organisation within the available hours of the project.
PRODUCT:	Written Piece
FORMAT:	This is a group assessment.You will work together to complete the project that is described in a project proposal. You will receive formative feedback. In consultation with your supervisors, you must develop and submit a written proposal in report format outlining the responsibilities, expectations and evaluation mechanisms associated with your project.This project proposal must contain: a description of the final project deliverable/s, rationale for the project, description of organisational context and organisational need, short review of academic literature relevant to the project if appropriate, the names and contact details of all the group members. Your written project proposal must be discussed, negotiated and refined between you, and your supervisors

CRITERIA:	No.		Learning Outcome assessed
	1	Overview/description and rationale of planned project activities	4
	2	Demonstrated ability to design and coordinate a project	4
	3	Discussion of anticipated resources required demonstrating an ability to successfully apply theoretical knowledge to practical situations.	1
	4	Definition of expected outcomes	1
	5	Development of evaluation strategies	1

All - Assessment Task 3: Project Presentation and deliverables

GOAL:	To present on an actual project experience and product with discussion of outcomes and differences between theory and practice.
PRODUCT:	Oral and Written Piece
FORMAT:	This is a oral presentation in conjunction with a project report. Your project deliverables, that were outlined in your Project Proposal, form the written portion of the submission assessed for quality, appropriateness and completeness with relation to the discipline of ICT. You should evaluate the outcomes achieved against those planned at the outset of the project and reflect on lessons learnt. You will also submit all the source code and other project deliverables. For the oral presentation portion of the submission every member must present. The oral communication portion of the assessment will be based on individual performance.

CRITERIA:	No.		Learning Outcome assessed
	1	For individually assessed presentation: Engaging and responding to an audience	5
	2	Well-structured presentation with clear easy to follow arguments that flow logically.	5
	3	Contains sufficient content to address the topic of the task.	5
	4	Use appropriate visual aids and verbal and non-verbal communication	5
	5	Presentation demonstrates adequate time management skills	4
	6	For group project deliverables: Demonstrated ability to coordinate, implement and document an ICT project	4
	7	Application of theoretical knowledge and problem-solving skills	1
	8	Application of appropriate software/tools and ability to manage/version source code and other project files	1
	9	Written communication skills and critical evaluation of outcomes	5

7. Directed study hours

A 12-unit course will have total of 150 learning hours which will include directed study hours (including online if required), self-directed learning and completion of assessable tasks. Directed study hours may vary by location. Student workload is calculated at 12.5 learning hours per one unit.

7.1. Schedule

PERIOD AND TOPIC	ACTIVITIES
Week 1: Introduction and Group formation	Group Formation
Weeks 2-3: Group project report, stand-up meeting for project progress. Plus group meetings and project work.	Consultation with Course Coordinator, and Industry Sponsor as required.
Week 4: Group meetings and project work.	No Workshop
Week 5: Submission of proposal for marking by Academic Supervisor, return for enhancements if required, signed off by students, and Supervisors.	No Workshop
Week 6: Feedback on objectives and learning. Progress report from supervisors to the student.	Discussion of proposal feasibility Consultation with Course Coordinator and your supervisors as required
Weeks 7-11: Group project report, stand-up meeting for project progress. Plus group meetings and project work.	Consultation with Course Coordinator, and Industry Sponsor as required.
Week 12: Group meetings and project work.	No Workshop
Week 13: Submission of final component of reflective journal (Task 1) and Final Report (Task 3) to Academic Supervisor.	Final Presentations

8. What resources do I need to undertake this course?

Please note: Course information, including specific information of recommended readings, learning activities, resources, weekly readings, etc. are available on the course Blackboard site– Please log in as soon as possible.

8.1. Prescribed text(s) or course reader

There are no required/recommended resources for this course.

8.2. Specific requirements

Not applicable

9. How are risks managed in this course?

Health and safety risks for this course have been assessed as low. It is your responsibility to review course material, search online, discuss with lecturers and peers and understand the health and safety risks associated with your specific course of study and to familiarise yourself with the University's general health and safety principles by reviewing the online induction training for students, and following the instructions of the University staff.

10. What administrative information is relevant to this course?

10.1. Assessment: Academic Integrity

Academic integrity is the ethical standard of university participation. It ensures that students graduate as a result of proving they are competent in their discipline. This is integral in maintaining the value of academic qualifications. Each industry has expectations and standards of the skills and knowledge within that discipline and these are reflected in assessment.

Academic integrity means that you do not engage in any activity that is considered to be academic fraud; including plagiarism, collusion or outsourcing any part of any assessment item to any other person. You are expected to be honest and ethical by completing all work yourself and indicating in your work which ideas and information were developed by you and which were taken from others. You cannot provide your assessment work to others. You are also expected to provide evidence of wide and critical reading, usually by using appropriate academic references.

In order to minimise incidents of academic fraud, this course may require that some of its assessment tasks, when submitted to Blackboard, are electronically checked through SafeAssign. This software allows for text comparisons to be made between your submitted assessment item and all other work that SafeAssign has access to.

10.2. Assessment: Additional Requirements

Eligibility for Supplementary Assessment

Your eligibility for supplementary assessment in a course is dependent of the following conditions applying:

The final mark is in the percentage range 47% to 49.4%
The course is graded using the Standard Grading scale
You have not failed an assessment task in the course due to academic misconduct

10.3. Assessment: Submission penalties

Late submission of assessment tasks may be penalised at the following maximum rate:
- 5% (of the assessment task's identified value) per day for the first two days from the date identified as the due date for the assessment task.
- 10% (of the assessment task's identified value) for the third day - 20% (of the assessment task's identified value) for the fourth day and subsequent days up to and including seven days from the date identified as the due date for the assessment task.
- A result of zero is awarded for an assessment task submitted after seven days from the date identified as the due date for the assessment task. Weekdays and weekends are included in the calculation of days late. To request an extension you must contact your course coordinator to negotiate an outcome.

10.4. Study help

For help with course-specific advice, for example what information to include in your assessment, you should first contact your tutor, then your course coordinator, if needed.

If you require additional assistance, the Learning Advisers are trained professionals who are ready to help you develop a wide range of academic skills. Visit the Learning Advisers web page for more information, or contact Student Central for further assistance: +61 7 5430 2890 or studentcentral@usc.edu.au.

10.5. Wellbeing Services

Student Wellbeing provide free and confidential counselling on a wide range of personal, academic, social and psychological matters, to foster positive mental health and wellbeing for your academic success.

To book a confidential appointment go to Student Hub, email studentwellbeing@usc.edu.au or call 07 5430 1226.

10.6. AccessAbility Services

Ability Advisers ensure equal access to all aspects of university life. If your studies are affected by a disability, learning disorder mental health issue, , injury or illness, or you are a primary carer for someone with a disability or who is considered frail and aged, AccessAbility Services can provide access to appropriate reasonable adjustments and practical advice about the support and facilities available to you throughout the University.

To book a confidential appointment go to Student Hub, email AccessAbility@usc.edu.au or call 07 5430 2890.

10.7. Links to relevant University policy and procedures

For more information on Academic Learning & Teaching categories including:

- Assessment: Courses and Coursework Programs
- Review of Assessment and Final Grades
- Supplementary Assessment
- Administration of Central Examinations
- Deferred Examinations
- Student Academic Misconduct
- Students with a Disability

Visit the USC website: http://www.usc.edu.au/explore/policies-and-procedures#academic-learning-and-teaching

10.8. General Enquiries

In person:

- **USC Sunshine Coast** - Student Central, Ground Floor, Building C, 90 Sippy Downs Drive, Sippy Downs
- **USC Moreton Bay** - Service Centre, Ground Floor, Foundation Building, Gympie Road, Petrie
- **USC SouthBank** - Student Central, Building A4 (SW1), 52 Merivale Street, South Brisbane
- **USC Gympie** - Student Central, 71 Cartwright Road, Gympie
- **USC Fraser Coast** - Student Central, Student Central, Building A, 161 Old Maryborough Rd, Hervey Bay
- **USC Caboolture** - Student Central, Level 1 Building J, Cnr Manley and Tallon Street, Caboolture

Tel: +61 7 5430 2890
Email: studentcentral@usc.edu.au