

SCI701 Research/Industry Dissertation 2

School: School of Science, Technology and Engineering

2022 | Semester 2

UniSC Sunshine Coast

**BLENDED
LEARNING**

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 usc.edu.au 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

You will apply and extend the skills and knowledge through a research project, industry-based project, or work placement/simulation related to your discipline. The course involves completion of activities under the supervision of an academic supervisor and industry supervisor (if applicable). Students will apply specialised knowledge and demonstrate skills through the delivery of a completed project. Depending on the project, work may be completed as part of a team. You will critically reflect on your experience to enhance your employability and prepare you for professional practice.

1.2. How will this course be delivered?

ACTIVITY	HOURS	BEGINNING WEEK	FREQUENCY
BLENDED LEARNING			
Learning materials – Asynchronous Learning Material	1hr	Week 1	13 times
Tutorial/Workshop 1 – 3 hour workshop to debrief	3hrs	Week 1	7 times
Information session – Online Task information session	2hrs	Week 1	3 times
ONLINE			
Learning materials – Asynchronous learning material	1hr	Week 1	13 times
Tutorial/Workshop 1 – 3 hour online workshop to debrief on progress updates and feedback	3hrs	Week 1	7 times
Information session – Online task information session to be set 3 times during the semester	2hrs	Week 1	3 times

1.3. Course Topics

Topics covered will vary depending on student work. All work will include a detailed write-up as well as reflection

2. What level is this course?

700 Level (Specialised)

Demonstrating a specialised body of knowledge and set of skills for professional practice or further learning. Advanced application of knowledge and skills in unfamiliar contexts.

3. What is the unit value of this course?

24 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	Identify and apply specific discipline knowledge to plan, conduct and report project activities	Creative and critical thinker
2	Apply advanced research and technical skills to conduct project activities	Empowered
3	Report on project activities and outcomes using advanced written and verbal communication.	Engaged
4	Critically reflect and evaluate on your performance and the development of any outcomes	Creative and critical thinker
5	Demonstrate personal and professional responsibility for own learning and work outcomes	Engaged

5. Am I eligible to enrol in this course?

Refer to the [UniSC Glossary of terms](#) for definitions of “pre-requisites, co-requisites and anti-requisites”.

5.1. Pre-requisites

Enrolled in any postgraduate program

5.2. Co-requisites

Not applicable

5.3. Anti-requisites

Not applicable

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

Not applicable

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

Each week students will provide updates on their progress. In addition, Task 1 (proposal) feedback will provide guidance on work completed in Task 2 and Task 3.

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	Written Piece	Individual or Group	20%	1500 words or equivalent	Refer to Format	Online Assignment Submission with plagiarism check
All	2	Negotiated Assessment	Individual or Group	50%	2500-3000 words or equivalent	Week 13	Online Assignment Submission with plagiarism check
All	3	Oral and Written Piece	Individual	30%	750 word reflection and 10 minute oral presentation	Week 13	Online Assignment Submission with plagiarism check

All - Assessment Task 1: Project Proposal

GOAL:	Develop a plan or proposal for your project that is structured to allow for the successful achievement of your goals.		
PRODUCT:	Written Piece		
FORMAT:	You will be required to submit a plan or proposal of the project you are completing including outlining the responsibilities, expectations and evaluation mechanisms associated with your project. Due by week 5, but depending on the project, the proposal can be submitted earlier. Refer to Canvas for more details.		
CRITERIA:	No.		Learning Outcome assessed
	1	Clear and achievable setting of goals and milestones measured against a realistic time-line for completion	1
	2	Demonstrate the ability to design, coordinate and implement a project plan	2

All - Assessment Task 2: Project Deliverable(s)

GOAL:	The output of the work for this task will be based on the agreed proposed plan from Task 1.		
PRODUCT:	Negotiated Assessment		
FORMAT:	Work on a real-world complex problem and evaluate the outcomes achieved against those planned at the outset of the project identified in the proposal. You are required to submit any source code created and other project deliverables as applicable. More details to be provided on Canvas.		
CRITERIA:	No.		Learning Outcome assessed
	1	Application of critical and creative thinking in solving complex problem, through designing, coordinating and implementing a solution	1 2
	2	Application of appropriate tools to create a project output that meets the client's needs	2
	3	Professional written communication	3

All - Assessment Task 3: Reflection and Presentation

GOAL:	To reflect and present on the experience with discussion and evaluation of outcomes as well as any group processes (if part of a group)		
PRODUCT:	Oral and Written Piece		
FORMAT:	This is an individually assessed task. This is a reflection on the work you completed during the course of the semester. You are expected to critically evaluate the skills gained through this project. The presentation is an opportunity to share the work and outcomes with your peers.		
CRITERIA:	No.		Learning Outcome assessed
	1	Critically reflect and evaluate individual business skills gained in working through the project	4 5
	2	Professional oral communication skills	3

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. Student workload is calculated at 12.5 learning hours per one unit.

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 Canvas 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 Canvas, are electronically checked through Turnitin. This software allows for text comparisons to be made between your submitted assessment item and all other work to which Turnitin has access.

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 will 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 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 and supply the required documentation to negotiate an outcome.

10.4. SafeUniSC

UniSC is committed to a culture of respect and providing a safe and supportive environment for all members of our community. For immediate assistance on campus contact SafeUniSC by phone: [07 5430 1168](tel:0754301168) or using the [SafeZone](#) app. For general enquires contact the SafeUniSC team by phone [07 5456 3864](tel:0754563864) or email safe@usc.edu.au.

The SafeUniSC Specialist Service is a Student Wellbeing service that provides free and confidential support to students who may have experienced or observed behaviour that could cause fear, offence or trauma. To contact the service call [07 5430 1226](tel:0754301226) or email studentwellbeing@usc.edu.au.

10.5. 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.

10.6. 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.

10.7. 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.

10.8. 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
- Central Examinations
- Deferred Examinations
- Student Conduct
- Students with a Disability

For more information, visit <https://www.usc.edu.au/explore/policies-and-procedures#academic-learning-and-teaching>

10.9. Student Charter

UniSC is committed to excellence in teaching, research and engagement in an environment that is inclusive, inspiring, safe and respectful. The [Student Charter](#) sets out what students can expect from the University, and what in turn is expected of students, to achieve these outcomes.

10.10.General Enquiries

In person:

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

Tel: +61 7 5430 2890

Email: studentcentral@usc.edu.au