

INF701 Business Transformation through Technology and Artificial Intelligence

School: School of Business and Creative Industries

2025 | Session 2

UniSC Sunshine Coast
UniSC Adelaide

**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

In the rapidly evolving landscape of modern business, the integration of technology and artificial intelligence (AI) stands at the forefront of transformative strategies, driving not only efficiency and effectiveness but also enabling competitive advantage and sustainability. This course is designed to equip future leaders with the critical insights and skills necessary to navigate, implement, and manage cutting-edge technological solutions within their organisations. This course will explore the managerial implications and technical considerations of adopting these technologies, emphasising practical application, strategic planning, and ethical considerations in a digital-first world.

1.2. How will this course be delivered?

ACTIVITY	HOURS	BEGINNING WEEK	FREQUENCY
BLENDED LEARNING			
Learning materials – Interactive online learning activities.	2hrs	Week 1	6 times
Tutorial/Workshop 1 – Scheduled face to face workshops.	3hrs	Week 1	6 times
Information session – Recorded online task information sessions.	1hr	Week 1	2 times
ONLINE			
Learning materials – Interactive online learning activities.	2hrs	Week 1	6 times
Tutorial/Workshop 1 – Scheduled online workshops (Recorded).	3hrs	Week 1	6 times
Information session – Recorded online task information sessions.	1hr	Week 1	2 times

1.3. Course Topics

- Foundations of Information Systems
- Computing Infrastructure for Business
- Managing Data in the Digital Age
- Cybersecurity in Business Environments
- Data Communication for Business
- E-Commerce
- Developing Information Systems for Business
- Strategic Management Frameworks
- Business Success through Enterprise Systems
- Enhancing Business Decisions through Technology
- Artificial Intelligence Essentials: Tools, Ethics, and Impact
- Navigating New Tech Frontiers in Business

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?

12 units

4. How does this course contribute to my learning?

COURSE LEARNING OUTCOMES	GRADUATE QUALITIES MAPPING	PROFESSIONAL STANDARD MAPPING *
On successful completion of this course, you should be able to...	Completing these tasks successfully will contribute to you becoming...	Association to Advance Collegiate Schools of Business
1 Apply a variety of information technology concepts in a business context.	Knowledgeable	PC6.2
2 Investigate business problems associated with information technology and propose relevant solutions.	Creative and critical thinker	PC3.1
3 Analyse a business' social responsiveness in an information technology context.	Ethical	PC4.1
4 Demonstrate clear and effective written communication in a business/information technology context.	Empowered	PC1.1
5 Demonstrate clear and effective verbal and non-verbal communication in a business/information technology context.	Empowered	PC1.2

* Competencies by Professional Body

CODE	COMPETENCY
ASSOCIATION TO ADVANCE COLLEGIATE SCHOOLS OF BUSINESS	
PC1.1	Written Communication
PC1.2	Oral Communication
PC3.1	Problem Solving
PC4.1	Social Responsibility and Sustainability
PC6.2	Discipline Knowledge

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 PGRD Program or (enrolled in Program SC410 or SC411 and 280 units completed towards either of these Programs)

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

Formative feedback will be provided through a variety of learning activities. This feedback will assist students with assessing their progress.

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	Case Study	Individual	40%	1500 words	Week 4	Online Assignment Submission with plagiarism check
All	2	Oral and Written Piece	Individual	60%	2500 words 10 min presentation	Week 7	Online Assignment Submission with plagiarism check

All - Assessment Task 1: Case Study Analysis

GOAL:	To analyse a business' activities and processes in relation to information technology.		
PRODUCT:	Case Study		
FORMAT:	This is an individual assessment in report format. In this report, you will apply the knowledge of information technology gained in this course to a business case.		
CRITERIA:	No.		Learning Outcome assessed
	1	Application of a variety of information technology concepts in a business context	1
	2	Investigation of business problems associated with information technology.	2
	3	Proposal of solutions to business problems associated with information technology.	2
	4	Analysis of a business' social responsiveness in an information technology context.	3
	5	Demonstration of clear and effective written communication in a business/information technology context.	4
GENERIC SKILLS:	Communication, Organisation		

All - Assessment Task 2: Report and Presentation

GOAL:	To critically review the effectiveness and alignment of information technology with business strategy and propose recommendations.																			
PRODUCT:	Oral and Written Piece																			
FORMAT:	This is an individual assessment consisting of a written report and a presentation. In the report, you will evaluate the effectiveness and alignment of information technology with business strategy. In the presentation, you will present the key findings to top management.																			
CRITERIA:	<table><tr><th>No.</th><th></th><th>Learning Outcome assessed</th></tr><tr><td>1</td><td>Application of a variety of information technology concepts in a business context.</td><td>1</td></tr><tr><td>2</td><td>Investigation of business problems associated with information technology.</td><td>2</td></tr><tr><td>3</td><td>Proposal of solutions to business problems associated with information technology.</td><td>2</td></tr><tr><td>4</td><td>Demonstration of clear and effective written communication in a business/information technology context.</td><td>4</td></tr><tr><td>5</td><td>Demonstration of clear and effective verbal and non-verbal communication in a business/information technology context.</td><td>5</td></tr></table>	No.		Learning Outcome assessed	1	Application of a variety of information technology concepts in a business context.	1	2	Investigation of business problems associated with information technology.	2	3	Proposal of solutions to business problems associated with information technology.	2	4	Demonstration of clear and effective written communication in a business/information technology context.	4	5	Demonstration of clear and effective verbal and non-verbal communication in a business/information technology context.	5	
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GENERIC SKILLS:	Communication, Problem solving																			

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

Please note that you need to have regular access to the resource(s) listed below. Resources may be required or recommended.

REQUIRED?	AUTHOR	YEAR	TITLE	EDITION	PUBLISHER
Recommended	Hossein Bidgoli	2023	MIS	11	Cengage

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:

- (a) The final mark is in the percentage range 47% to 49.4%; and
- (b) The course is graded using the Standard Grading scale

10.3. Assessment: Submission penalties

Late submissions may be penalised up to and including the following maximum percentage of the assessment task's identified value, with weekdays and weekends included in the calculation of days late:

- (a) One day: deduct 5%;
- (b) Two days: deduct 10%;
- (c) Three days: deduct 20%;
- (d) Four days: deduct 40%;
- (e) Five days: deduct 60%;
- (f) Six days: deduct 80%;
- (g) Seven days: A result of zero is awarded for the assessment task.

The following penalties will apply for a late submission for an online examination:

Less than 15 minutes: No penalty

From 15 minutes to 30 minutes: 20% penalty

More than 30 minutes: 100% penalty

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