



LOGS12008 *IT&C Technologies*

Term 2 - 2019

Profile information current as at 28/04/2024 11:30 am

All details in this unit profile for LOGS12008 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

This unit introduces students to information technologies and tools used across the breadth of Supply Chains. You will become familiar with the role played by information technology and the benefits it brings to a business as well as the risks associated with the heavy reliance on technology by modern businesses. You will learn about the importance of an integrated and business driven approach to technology deployment and will develop skills necessary to drive the conversation about appropriate technology choice in their organisations.

Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 10

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

There are no requisites for this unit.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 2 - 2019

- Online

Attendance Requirements

All on-campus students are expected to attend scheduled classes - in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

[Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Group Discussion**

Weighting: 40%

2. **Written Assessment**

Weighting: 30%

3. **Written Assessment**

Weighting: 30%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Unit Learning Outcomes

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

1. Critically evaluate the role of IT and Communication technology in Supply Chains and Logistics.
2. Evaluate and describe the use of hardware and software technologies in supply chains and logistics environments.
3. Articulate the key elements of technology that a business may require; the benefits and potential effects on the organisation.
4. Evaluate the capability and suitability of technology solutions for a given logistics situation.
5. Plan and support the implementation and ongoing use of technology within supply chains and logistics.

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Group Discussion - 40%	•	•	•		
2 - Written Assessment - 30%			•	•	
3 - Written Assessment - 30%			•		•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
1 - Communication	•		•		•
2 - Problem Solving			•		•
3 - Critical Thinking			•	•	•
4 - Information Literacy	•	•	•	•	•
5 - Team Work					•
6 - Information Technology Competence	•	•	•	•	•
7 - Cross Cultural Competence			•		
8 - Ethical practice			•		•
9 - Social Innovation					

Graduate Attributes

Learning Outcomes

1 2 3 4 5

10 - Aboriginal and Torres Strait Islander Cultures

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks

Graduate Attributes

1 2 3 4 5 6 7 8 9 10

1 - Group Discussion - 40%

•	•	•	•	•	•	•	•	•		
•	•	•	•		•		•			
•	•	•	•	•	•	•	•	•		

2 - Written Assessment - 30%

3 - Written Assessment - 30%

Textbooks and Resources

Textbooks

LOGS12008

Prescribed

Contemporary Logistics, Global Edition

Edition: 12th (2017)

Authors: Paul R. Murphy; A. Michael Knemeyer

Pearson Education Limited

Hoboken , New Jersey , United States

ISBN: 9781292218007

Binding: eBook

Additional Textbook Information

The textbook is available online. You may also access the book in CQUniversity Library.

If you prefer your own copy, they are available to purchase at the CQUni Bookshop

here: <http://bookshop.cqu.edu.au> (here)

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Imran Ali Unit Coordinator
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Schedule

Week 1 - 15 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
An Overview of Logistics	Chapter 1	Engage online in the Moodle Group discussion

Week 2 - 22 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Logistics and Information Technology	Chapter 2	Engage online in the Moodle Group discussion

Week 3 - 29 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Organizational and Managerial Issues in Logistics	Chapter 4	Engage online in the Moodle Group discussion

Week 4 - 05 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Supply Chain Management Concept	Chapter 5	Engage online in the Moodle Group discussion

Week 5 - 12 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Demand Management, Order Management and Customer Service	Chapter 7	Engage online in the Moodle Group discussion

Vacation Week - 19 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Have a great break and refresh yourself :-)		

Week 6 - 26 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Inventory Management	Chapter 8	Engage online in the Moodle Group discussion

Week 7 - 02 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Facility Location	Chapter 9	Engage online in the Moodle.
		Assessment 2 Due: Week 7 Monday (2 Sept 2019) 5:00 pm AEST

Week 8 - 09 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Warehouse Management	Chapter 10	Engage online in the Moodle

Week 9 - 16 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
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Packaging and Material Handling	Chapter 11	Engage online in the Moodle
Week 10 - 23 Sep 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Transportation	Chapter 12	Engage online in the Moodle
Week 11 - 30 Sep 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Transportation Management	Chapter 13	Engage online in the Moodle
Week 12 - 07 Oct 2019		
Module/Topic	Chapter	Events and Submissions/Topic
International Logistics	Chapter 14	Engage online in the Moodle
		Assessment 3 Due: Week 12 Monday (7 Oct 2019) 5:00 pm AEST
Review/Exam Week - 14 Oct 2019		
Module/Topic	Chapter	Events and Submissions/Topic
Exam Week - 21 Oct 2019		
Module/Topic	Chapter	Events and Submissions/Topic

Assessment Tasks

1 Assessment 1

Assessment Type

Group Discussion

Task Description

This is a group discussion task to be completed in online discussion forum within Moodle. Each week, from week 1 to 5, your lecturer/tutor will provide you with a topic (current issue, case study, concept from the textbook or an article etc) in the online discussion forum. Each student will be advised to critically evaluate the provided topic and post a 150-200 words' reply, including your answer to the weekly topic question (100-150 words) and comments/feedback (50 words) on the reply of a fellow student. In the end, the lecturer/tutor will provide an overall feedback and a grade to your reply based on the quality of the inputs. Further details about the task are provided in Moodle.

Assessment Due Date

Provide your reply to weekly topic in online discussion forum on or before Friday at 5:00 PM in every week - starting from 19/07/2019. Late penalty applies.

Return Date to Students

The lecturer/tutor will provide the feedback on your reply on weekly basis. However, the final grade will be released by the end of week 5

Weighting

40%

Assessment Criteria

Be advised that your reply will be assessed drawing upon the following criteria:

1. Critical evaluation of the given topic (40%).

2. Feedback/comments on the other student's reply (40%).

3. Quality of communication and at least one reference from a journal article or book (20%).

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Online

Submission Instructions

Provide your reply on the given topic in the online discussion forum

Learning Outcomes Assessed

- Critically evaluate the role of IT and Communication technology in Supply Chains and Logistics.
- Evaluate and describe the use of hardware and software technologies in supply chains and logistics environments.
- Articulate the key elements of technology that a business may require; the benefits and potential effects on the organisation.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

2 Assessment 2

Assessment Type

Written Assessment

Task Description

Logistics management is the part of supply chain management that plans, implements, and controls the efficient, effective forward, and reverse flow and storage of goods, services, and related information between the point of origin and the point of consumption in order to meet customer's requirements. Globalisation, technological disruption, changing consumers' demand, and increasing cost of operations, leave the supply chain and logistics systems with repertoire of new business challenges. In recent times, digital technologies have been recognised as an effective way to transform the business practices and enhance competitiveness of supply chain and logistics systems facing dynamic and turbulent business environment.

Linfox Logistics, founded by Lindsay Fox in 1956 and started business with one truck in Melbourne, is today the largest Asia Pacific privately-owned logistics company. In this assessment, you are advised to recall your learning from the the textbook and Moodle learning materials and identify digital technologies (hardware and software) used by Linfox Logistics. Subsequently, select any three digital technologies and write a 1000-word report articulating their effects/benefits on logistics performance of the company. Your analysis and discussion need to demonstrate a good theory-practice integration.

The format for Assessment 2 should be as follows:

1. Title page with you name as shown in Moodle, student ID, word count from sections 4 to 7.

2. Executive summary (100-150 words).
3. Table of contents.
4. Brief introduction.
5. Brief description of supply chain and logistics network of the company.
6. List of technologies used by the company, selection of at least three technologies and then articulation of their effects/benefits on the company's logistics performance.
7. Conclusion.
9. At least five references (journal articles + book/s) using APA formatting.
10. Appendices - only if absolutely essential.

Word count: 1,000 words (+/- 10%) from sections 4 to 7.

Assessment Due Date

Week 7 Monday (2 Sept 2019) 5:00 pm AEST
Late penalty will be applied after the due date

Return Date to Students

Week 9 Monday (16 Sept 2019)
Results and feedback will be available on the unit website in Moodle.

Weighting

30%

Assessment Criteria

Be advised that your assignment will be assessed based on the following criteria:

1. Main Body (80%)

- Brief introduction, description of the company's logistics system, explication of three technologies and conclusion.

2. References (10%)

Minimum of five (5) references including journal articles and book(s).
Direct quotations used sparingly, and main arguments clearly stated.
Appropriate in-text referencing and reference list.
Compliance to CQUniversity APA referencing standards.

3. Communication quality (10%)

Structure, expression, spelling, punctuation and grammar.
Concise and within (+/-10%) of the word limit: 1000 words.

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Online

Submission Instructions

Submit assessment on the unit website in Moodle.

Learning Outcomes Assessed

- Articulate the key elements of technology that a business may require; the benefits and potential effects on the organisation.
- Evaluate the capability and suitability of technology solutions for a given logistics situation.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Ethical practice

3 Assessment 3

Assessment Type

Written Assessment

Task Description

Drawing upon your knowledge from the assessment 1&2, in this assessment, you are advised to analyse and apply key concepts, methods and tools towards improving logistics management system of Linfox Logistics. As such, integrating the related literature and operations of Linfox Logistics, your task is to write a 1500-word report responding to the following three concepts related to the company's logistics management:

1. Warehouse management system
2. Potential logistics risks
3. Sustainability

Assessment details, case material and guidance will be provided on the unit website in Moodle.

The format for Assessment 3 should be as follows:

1. Title page with you name as shown in Moodle, student ID, word count from sections 4 to 7.
2. Executive summary (150-200 words).
3. Table of contents.
4. Succinct introduction.
5. Critical analysis of the three concepts.
6. Recommendations for improvement (at least three).
7. Conclusion.
9. At least six scholarly references (journal article + book) using APA formatting.
10. Appendices - only if absolutely essential.

Word count:1,500 words (+/- 10%) from sections 4 to 7.

Assessment Due Date

Week 12 Monday (7 Oct 2019) 5:00 pm AEST
Late penalty will be applied after the due date

Return Date to Students

Results and feedback will be made available on the unit website on Friday 14 October 2019.

Weighting

30%

Assessment Criteria

Be advised that your report will be assessed based on the following criteria:

1. Clear and succinct introduction (10%).
2. Thorough understanding of relevant logistics management principles, technologies and models, critical writing and a good theory-practice integration (60%).
3. Recommendations and conclusion (10%).
4. Appropriate in text referencing and reference list. Adherence to CQUniversity APA referencing standards (10%)
5. Clarity of expression, grammar and spelling. Appropriate presentation format within ($\pm 10\%$) of the word limit: 1,500 words (10%)

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Online

Submission Instructions

Submit assessment on the unit website in Moodle.

Learning Outcomes Assessed

- Articulate the key elements of technology that a business may require; the benefits and potential effects on the organisation.
- Plan and support the implementation and ongoing use of technology within supply chains and logistics.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem