UNSW Course Outline

ZBUS3303 Logistics Management - 2024

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General Course Information

Course Code : ZBUS3303
Year : 2024
Term : Semester 1
Teaching Period : Z1
Is a multi-term course? : No
Faculty : UNSW Canberra
Academic Unit : UC School of Business
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : UNSW Canberra at ADFA
Campus : UNSW Canberra
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

This course gives an introduction to theories and practices of logistics and supply chain management, with an emphasis on learning and addressing the challenges associated with the movement of people, goods and services. The focus of the course will be on the process of

logistics activities such as procurement, transportation, inventory management, Just-in-time strategy, warehousing, materials handling, information management and sharing and risk modelling, identification and quantification. In addition, the course will cover the latest trends, opportunities and challenges faced by logistics providers from the commercial and military perspectives because of globalisation. During the course, students will be required to apply their learning in the Australian Defence Force context to address problems in that domain.

Course Aims

The course provides students with an introductory understanding of how logistics and supply chain work for the success of global business. Key aims include:

- Demonstrate the understanding of key logistics concepts, theories and practices, as well as their application in a real-world environment.
- Analyse and identify different logistics issues and challenges in the commercial business environment.
- Developing problem-solving skills by presenting students with various scenarios and challenges in different areas of Logistics.
- Building students' confidence and ability to communicate logistics information to their peers.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Demonstrate the understanding of key logistics concepts, theories and practices, as well as their application in a real world environment
CLO2 : Analyse and identify different logistics issues and challenge both in defence and the commercial business environment
CLO3 : Prepare assignment reports by applying the techniques taught in the class to logistics services, operations and management
CLO4 : Apply learned logistics management techniques to solve logistics problems

Course Learning Outcomes	Assessment Item
CLO1 : Demonstrate the understanding of key logistics concepts, theories and practices, as well as their application in a real world environment	• Group tutorial report submission • In-class test • Report submission • Examination
CLO2 : Analyse and identify different logistics issues and challenge both in defence and the commercial business environment	• Group tutorial report submission • In-class test • Report submission • Examination
CLO3 : Prepare assignment reports by applying the techniques taught in the class to logistics services, operations and management	• In-class test • Report submission
CLO4 : Apply learned logistics management techniques to solve logistics problems	• Examination • In-class test • Report submission

Learning and Teaching Technologies

Moodle - Learning Management System | Echo 360

Learning and Teaching in this course

The combination of lectures and tutorials is needed for you to get a thorough understanding of the course's objectives. In the lectures, we will explore each activity of logistics, along with its theory and concepts. In the tutorials, we will take case studies and apply the concepts learned in the week's lecture to brainstorm the problems in them and propose some possible solutions.

Workload

Students are expected to undertake an average of 10 hours of study per week for a 6 UOC

course. This includes engagement with course readings and other activities, assessment preparation and research, as well as contact time with the lecturer and fellow students.

Other Professional Outcomes

Developing Program Attributes

Students will be encouraged to develop the following School of Business program attributes by undertaking the course activities and mastering the knowledge content:

1: Business knowledge

Understand key logistics concepts, theories and practices and their application in a real-world environment. Understand the logistics issues and challenges in Defence and the commercial business environment.

2: Problem solving

Apply the learned techniques to solve problems in logistics services delivery, operations and management.

3: Business communication

Students will prepare clear and concise written documents as their assignments using appropriate referencing style and then present them. During tutorials, students will be required to participate in group discussions to solve the given problems in the form of case studies.

4: Teamwork

As part of an assignment, students will participate collaboratively and responsibly in teams to achieve outcomes.

5: Responsible business practice

Students will consider responsible business practices, including ethical, environmental and/or sustainability, in recommending solutions to logistics problems.

6: Global and cultural competence

N/A

7: Leadership development

As part of the solution/s they will develop for the assignment, students will understand the dynamics of providing leadership to lead the change for better logistics operations management.

Developing Graduate Capabilities

Successful completion of this course contributes to the acquisition of UNSW graduate capabilities. UNSW aspires to develop globally focused graduates who are **rigorous scholars**, capable of **leadership** and **professional practice** in an **international** community.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Group tutorial report submission Assessment Format: Group	10%	Start Date: Not Applicable Due Date: Varies according to the group you are in
In-class test Assessment Format: Individual	15%	Start Date: Not Applicable Due Date: 02/04/2024 02:00 PM
Report submission Assessment Format: Individual	35%	Start Date: Not Applicable Due Date: 24/05/2024 11:59 PM
Examination Assessment Format: Individual	40%	Start Date: Not Applicable Due Date: Exam week Post Date: 10/07/2024 03:00 PM

Assessment Details

Group tutorial report submission

Assessment Overview

Students will need to analyse the presented case study and present in the tutorials

Course Learning Outcomes

- CLO1 : Demonstrate the understanding of key logistics concepts, theories and practices, as well as their application in a real world environment
- CLO2 : Analyse and identify different logistics issues and challenge both in defence and the commercial business environment

Detailed Assessment Description

Please see the course Moodle site for a detailed description of this assessment. Information will be made available on 26 February 2024.

Permitted use of Generative AI: SIMPLE EDITING ASSISTANCE

For this assessment task, you may use AI-based software to research and prepare prior to completing your assessment. You are permitted to use standard editing (spelling and grammar checking) and reference citation generation functions in word processing software in the

creation of your submission. You must not use any functions that generate or paraphrase passages of text, whether based on your own work or not.

Please note that your submission will be passed through an AI-generated text detection tool. If your marker has concerns that your answer contains passages of AI-generated text you may be asked to explain your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

Assessment Length

1000 words

Assignment submission Turnitin type

This is not a Turnitin assignment

In-class test

Assessment Overview

Paper-based test

Course Learning Outcomes

- CLO1 : Demonstrate the understanding of key logistics concepts, theories and practices, as well as their application in a real world environment
- CLO2 : Analyse and identify different logistics issues and challenge both in defence and the commercial business environment
- CLO3 : Prepare assignment reports by applying the techniques taught in the class to logistics services, operations and management
- CLO4 : Apply learned logistics management techniques to solve logistics problems

Detailed Assessment Description

Please see the course Moodle site for a detailed description of this assessment. Information will be made available on 26 February 2024.

Permitted use of Generative AI: NO ASSISTANCE - INVIGILATED ASSESSMENT

It is prohibited to use any software or service to search for or generate information or answers. If such use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion. Please see the course Moodle site for more information.

Assessment Length

TBA

Assignment submission Turnitin type

This is not a Turnitin assignment

Report submission

Assessment Overview

Students respond to the assessment question by preparing an individual report

Course Learning Outcomes

- CLO1 : Demonstrate the understanding of key logistics concepts, theories and practices, as well as their application in a real world environment
- CLO2 : Analyse and identify different logistics issues and challenge both in defence and the commercial business environment
- CLO3 : Prepare assignment reports by applying the techniques taught in the class to logistics services, operations and management
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Detailed Assessment Description

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Permitted use of Generative AI: SIMPLE EDITING ASSISTANCE

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Please note that your submission will be passed through an AI-generated text detection tool. If your marker has concerns that your answer contains passages of AI-generated text you may be asked to explain your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

Assessment Length

2500 words

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

Examination

Assessment Overview

Final exam

Course Learning Outcomes

- CLO1 : Demonstrate the understanding of key logistics concepts, theories and practices, as well as their application in a real world environment
- CLO2 : Analyse and identify different logistics issues and challenge both in defence and the commercial business environment
- CLO4 : Apply learned logistics management techniques to solve logistics problems

Detailed Assessment Description

Please see the course Moodle site for a detailed description of this assessment. Information will be made available on 26 February 2024.

Permitted use of Generative AI: NO ASSISTANCE - INVIGILATED ASSESSMENT

It is prohibited to use any software or service to search for or generate information or answers. If such use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion. Please see the course Moodle site for more information.

Assessment Length

TBA

Assignment submission Turnitin type

This is not a Turnitin assignment

General Assessment Information

Referencing

APA 7th Edition is the School's preferred option.

Extensions and Special Consideration (School of Business, Undergraduate)

All extension requests for this course must be submitted as a Special Consideration application.

Applications should be submitted BEFORE the assessment due date.

If extenuating circumstances prevent you from submitting an application before the due date, please notify your course convenor by email and submit the application as soon as possible.

If your application is approved, the outcome may be one of the following:

- A supplementary or alternative assessment,
- An extended deadline for the assessment (note the extension granted is normally equivalent to the period of impact outlined in your supporting documentation),
- An aggregated or averaged mark derived from other comparable completed assessments.

Please note, applying for Special Consideration does not automatically mean that you will be granted additional assessment, or that you will be awarded an amended result.

More information

Special consideration and application process: https://www.student.unsw.edu.au/special-consideration.

Late submission of assessment

UNSW has a standard late submission penalty of:

- 5% per day,
- for all assessments where a penalty applies,
- capped at five days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Students are expected to manage their time to meet deadlines and to request extensions as early as possible before the deadline.

Grading Basis

Standard

Requirements to pass course

Students must achieve at least 50% overall to pass the course. Students are expected to engage actively in course learning activities and attempt all assessment requirements in the course.

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 26 February - 1 March	Lecture	Introduction to Logistics and Supply Chain Management.
	Tutorial	Groups formation for Assessment 1. Introducing Assessment 1
Week 2 : 4 March - 8 March	Lecture	Relationships across the Logistics chain
	Assessment	Assessment 1 for selected groups.
	Tutorial	Two case studies to understand the different types of collaboration.
Week 3 : 11 March - 15 March	Lecture	Manufacturing
	Assessment	Assessment 1 for selected groups.
	Tutorial	Case study discussion of DELL and Elvis Golf Ltd.
Week 4 : 18 March - 22 March	Lecture	Procurement + Supplier Management
	Assessment	Assessment 1 for selected groups.
	Tutorial	Kraljick matrix and Supplier Management.
Week 5 : 25 March - 29 March	Lecture	Transportation
	Tutorial	Northwest, Least cost and Vogel's approximation methods to achieve a feasible transportation answer.
Week 6 : 1 April - 5 April	Assessment	Assessment 2 for everyone during lecture time.
	Tutorial	Recap of Assessment 2. Introducing Assessment 3.
Week 7 : 22 April - 26 April	Lecture	Warehousing
	Tutorial	Warehousing allocation problem for Tuesday tutorials. No tutorials on Wednesday due to the Military training day
Week 8 : 29 April - 3 May	Lecture	Inventory Management
	Tutorial	ABC Classification for Inventory Management.
Week 9 : 6 May - 10 May	Lecture	Demand Management
	Tutorial	MRP case study to manage the demand of dependent items.
Week 10 : 13 May - 17 May	Lecture	Risk Management in Logistics
	Tutorial	When to order inventory management questions
Week 11 : 20 May - 24 May	Lecture	Developing a sustainable supply chain + Reverse Logistics
	Tutorial	Stepping stone method to solve transportation allocation problem.
	Assessment	Assessment 3 due on 24th May 2024.
Week 12 : 27 May - 31 May	Lecture	No lecture due to Monday timetable on Tuesday
	Tutorial	No tutorials for Tuesday groups. Warehousing allocation problem for Wednesday tutorials to catch up on the tutorial missed on 24th April 2024.
Week 13 : 3 June - 7 June	Lecture	Guest lecture + Final Exam discussion

Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

General Schedule Information

Please see the course Moodle site for more information.

Course Resources

Prescribed Resources

There are no compulsory textbooks for this course. All required course readings will be made available on the course Moodle site.

Recommended Resources

Mangan, J., Lalwani, C., & Calatayud, A. (2021). *Global Logistics & Supply Chain Management* (4th ed.). John Wiley & Sons Inc

Course Evaluation and Development

Student feedback based on topics, materials and assessment activities is welcome and encouraged in order to improve the contents of the course and their delivery. Please feel free to do so through one or more of the following methods:

- Informal feedback to the lecturer either through email or Moodle anonymous feedback;
- Formal feedback through the end of semester myExperience surveys; and/or
- Any other method which is reasonable.

Response to the feedback received and specific changes that have been made as a result of this:

- Changed assessments and their pattern.
- Introduced simulations in some tutorials to enhance student learning.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Omar Hussain		Building 27, Room 216, School of Business, UNSW Canberra	+61 2 5114 5687	Please email to make an appointment	Yes	Yes

Other Useful Information

Academic Information

Course Evaluation and Development

One of the key priorities in the 2025 Strategy for UNSW is a drive for academic excellence in education. One of the ways of determining how well UNSW is progressing towards this goal is by

listening to our own students. Students will be asked to complete the myExperience survey towards the end of each course.

Students can also provide feedback during the semester via: direct contact with the lecturer, the "On-going Student Feedback" link in Moodle, Student-Staff Liaison Committee meetings in schools, informal feedback conducted by staff, and focus groups (where applicable). Student opinions really do make a difference. Refer to the Moodle site for your course to see how the feedback from previous students has contributed to the course development.

Important note: Students are reminded that any feedback provided should be constructive and professional and that they are bound by the Student Code of Conduct.

https://www.gs.unsw.edu.au/policy/documents/studentcodepolicy.pdf

Equitable Learning Services (ELS)

Students living with neurodivergent, physical and/or mental health conditions or caring for someone with these conditions may be eligible for support through the Equitible Learning Services team. Equitable Learning Services is a free and confidential service that provides practical support to ensure your mental or physical health conditions do not adversely affect your studies.

Our team of dedicated **Equitable Learning Facilitators** (ELFs) are here to assist you through this process. We offer a number of services to make your education at UNSW easier and more equitable.

Further information about ELS for currently enrolled students can be found at: https://www.student.unsw.edu.au/equitable-learning

Academic Honesty and Plagarism

UNSW has an ongoing commitment to fostering a culture of learning informed by academic integrity. All UNSW staff and students have a responsibility to adhere to this principle of academic integrity. All students are expected to adhere to UNSW's Student Code of Conduct. Find relevant information at: Student Code of Conduct (unsw.edu.au)

Plagiarism undermines academic integrity and is not tolerated at UNSW. It is defined as using the words or ideas of others and passing them off as your own, and can take many forms, from

deliberate cheating to accidental copying from a source without acknowledgement.

For more information, please refer to the following:

https://student.unsw.edu.au/plagiarism

Submission of Assessment Tasks

Special Consideration

Special Consideration is the process for assessing and addressing the impact on students of short-term events, that are beyond the control of the student, and that affect performance in a specific assessment task or tasks.

Applications for Special Consideration will be accepted in the following circumstances only:

- Where academic work has been hampered to a substantial degree by illness or other cause;
- The circumstances are unexpected and beyond the student's control;
- The circumstances could not have reasonably been anticipated, avoided or guarded against by the student; and either:

(i) they occurred during a critical study period and was 3 consecutive days or more duration, or a total of 5 days within the critical study period; or

(ii) they prevented the ability to complete, attend or submit an assessment task for a specific date (e.g. final exam, in class test/quiz, in class presentation)

Applications for Special Consideration must be made as soon as practicable after the problem occurs and at the latest within three working days of the assessment or the period covered by the supporting documentation.

By sitting or submitting the assessment task the student is declaring that they are fit to do so and cannot later apply for Special Consideration (UNSW 'fit to sit or submit' requirement).

Sitting, accessing or submitting an assessment task on the scheduled assessment date, after applying for special consideration, renders the special consideration application void.

Find more information about special consideration at: https://www.student.unsw.edu.au/special/consideration/guide

Or apply for special consideration through your MyUNSW portal.

Late Submission of assessment tasks (other than examinations)

UNSW has a standard late submission penalty of:

- 5% per day,
- capped at five days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Students are expected to manage their time to meet deadlines and to request extensions as early as possible before the deadline.

Electronic submission of assessment

Except where the nature of an assessment task precludes its electronic submission, all assessments must be submitted to an electronic repository, approved by UNSW or the Faculty, for archiving and subsequent marking and analysis.

Release of final mark

All marks obtained for assessment items during the session are provisional. The final mark as published by the university following the assessment review group meeting is the only official mark.

School Contact Information

Email: Business@adfa.edu.au