

MGT300 LOGISTICS MANAGEMENT T325 BRIEF

All information in the Subject Outline is correct at the time of approval. KOI reserves the right to make changes to the Subject Outline if they become necessary. Any changes require the approval of the KOI Academic Board and will be formally advised to those students who may be affected by email and via Moodle. Information contained within this Subject Outline applies to students enrolled in the trimester as indicated

1. General Information

1.1 Administrative Details

| Associated HE Award(s) | Duration | Level | Subject Coordinator |
|-------------------------------|---------------|---------|--|
| BBus (Accg); BBus (Mgt & Fin) | One trimester | Level 3 | Mr Ajay KUMAR ajay.kumar@koi.edu.au P: +61 (2) 9283 3583 Level 7-11, 11 York Street Consultation: via Moodle or by appointment. |

1.2 Core/Elective

This is a Core subject for BBus (Mgt & Fin) and an elective subject for BBus (Accg)

1.3 Subject Weighting

| Subject Credit Points | Total Course Credit Points |
|-----------------------|--|
| 4 | BBus(Accg) 96; BBus (Mgt & Finance) 96 |

1.4 Student Workload

Indicated below is the expected student workload per week for this subject/unit:

| No. timetabled hours/week * | No. personal study hours/week ** | Total workload hours/week *** |
|--|----------------------------------|-------------------------------|
| 4 hours/week (2 hour Lecture + 2 hour Tutorial) | 6 hours/week | 10 hours/week |

* Total time spent per week at lectures and tutorials

** Total time students are expected to spend per week in studying, completing assignments, etc.

*** Combination of timetable hours and personal study.

1.5 Mode of Delivery Classes will be face-to-face or hybrid. Certain classes will be online (e.g., special arrangements).

1.6 Pre-requisites MGT100 Introduction to Management or BUS100 Professional Business Skills

1.7 General Resource Requirements

- Students are expected to attend classes with the required textbook (see Section 2.9 below) and to read specific chapters prior to the tutorials. Students should read this material before coming to class to improve their ability to participate in weekly activities.
- Students will require access to the internet and their KOI email and should have basic skills in word processing software such as MS Word, spreadsheet software such as MS Excel and visual presentation software such as MS PowerPoint.
- Computers and WIFI facilities are extensively available for student use throughout KOI. Students are encouraged to make use of the campus Library for reference materials.

Resources specific to this subject: There are no specific resources for this subject.

1.8 Academic Advising

Academic advising is available to students throughout teaching periods including the exam weeks. As well as requesting help during scheduled class times, students have the following options:

- Consultation times: A list of consultation hours is provided on the homepage of Moodle where appointments can be booked.
- Subject coordinator: Subject coordinators are available for contact via email. The email address of the subject coordinator is provided at the top of this subject outline.
- Academic staff: Lecturers and Tutors provide their contact details in Moodle for the specific subject. In most cases, this will be via email. Some subjects may also provide a discussion forum where questions can be raised.
- Head of Program: The Head of Program is available to all students in the program if they need advice about their studies and KOI procedures.
- Vice President (Academic): The Vice President (Academic) will assist students to resolve complex issues (but may refer students to the relevant lecturers for detailed academic advice).

2. Academic Details









2.1 Overview of the subject

This subject describes logistics management as a critical company function playing a key role in fulfilling customer demands, ordering and managing inventory, controlling inbound and outbound shipments, reducing costs, saving time, and meeting company objectives. All elements of logistics management are covered which include transport, warehouse selection, material handling, packaging, order fulfilment, customer service, inventory management and reverse logistics. Ethical issues and sustainability are also discussed.

2.2 Graduate Attributes for Undergraduate Courses

Graduates of the *Bachelor of Business (Accounting)*, and the *Bachelor of Business (Management and Finance)* courses from King's Own Institute will achieve the graduate attributes expected from successful completion of a Bachelor's degree under the Australian Qualifications Framework (2nd edition, January 2013). Graduates at this level will be able to apply an advanced body of knowledge from their major area of study in a range of contexts for professional practice or scholarship and as a pathway for further learning.

King's Own Institute's generic graduate attributes for a bachelor's level degree are summarised below:

| | KOI Bachelor Degree Graduate Attributes | Detailed Description |
|---|---|--|
|  | Knowledge | Current, comprehensive and coherent knowledge |
|  | Critical Thinking | Critical thinking and creative skills to analyse and synthesise information and evaluate new problems |
|  | Communication | Communication skills for effective reading, writing, listening and presenting in varied modes and contexts and for transferring knowledge and skills to a variety of audiences |
|  | Information Literacy | Information and technological skills for accessing, evaluating, managing and using information professionally |
|  | Problem Solving Skills | Skills to apply logical and creative thinking to solve problems and evaluate solutions |
|  | Ethical and Cultural Sensitivity | Appreciation of ethical principles, cultural sensitivity and social responsibility, both personally and professionally |
|  | Teamwork | Leaderships and teamwork skills to collaborate, inspire colleagues and manage responsibly with positive results |
|  | Professional Skills | Professional skills to exercise judgement in planning, problem solving and decision making |




















Across the course, these skills are developed progressively at three levels:

- **Level 1 Foundation** – Students learn the basic skills, theories and techniques of the subject and apply them in basic, stand-alone contexts.

- **Level 2 Intermediate** – Students further develop skills, theories and techniques of the subject and apply them in more complex contexts, beginning to integrate the application with other subjects.
- **Level 3 Advanced** – Students have a demonstrated ability to plan, research and apply the skills, theories and techniques of the subject in complex situations, integrating the subject content with a range of other subject disciplines within the context of the course.

2.3 Subject Learning Outcomes

Listed below, are key foundation knowledge and skills students are expected to attain by successfully completing this subject:

| Subject Learning Outcomes | Contribution to Graduate Attributes |
|---|--|
| a) Evaluate the significance and scope of operations and logistics management within the organisation through case studies analysis |     |
| b) Assess the key features of operations and logistics and discuss their managerial considerations, advantages and limitations |     |
| c) Adapt quantitative and qualitative techniques to analyse and resolve complex operations and logistics problems |    |
| d) Investigate the operations and logistics performance while considering cost, quality, delivery, system design and flexibility |     |
| e) Analyse ethical and sustainability issues for logistics management |     |

2.4 Subject Content and Structure

Below are details of the subject content and how it is structured, including specific topics covered in lectures and tutorials. Reading refers to the text unless otherwise indicated.

Weekly Planner:

| Week (beginning) | Topic | Text Chapter | Expected work as listed in Moodle |
|------------------|--|--------------|---|
| Week 1 27 Oct | Introduction to logistics management | Ch.1 | Free Documentary (2021). <i>Logistics of the Future</i> Free Documentary. YouTube. Available at: https://www.youtube.com/watch?v=6EDCnhbUpgE Minculete, G & Olar, P 2020, 'Supply Chain Management, Key Factor in Modern Education and Training of Logistics Managers', eLearning & Software for Education, vol. 1, pp. 209–218, |
| Week 2 03 Nov | Globalisation and international trade – supply chain relationships | Ch.2 & 3 | Tutorial exercises Case study from the chapter and 100 word summary of the following Belke, A. and Gros, D. (2021) 'The slowdown in trade: end of the "globalisation hype" and a return to normal?*', Journal of Economics & Finance, 45(2), pp. 225–239. |
| Week 3 10 Nov | Supply chain strategies – transport in supply chains | Ch.4 & 5 | Tutorial exercises Case study from the chapter and 100 word summary of the following Pearson, JS, Narasimhan, M & Schmidt, RN 2020, 'Antibiotic Supply Chain Disruption: Risk Insights from an Outsourcing Perspective', Journal of Business & Behavioral Sciences, vol. 32, no. 1, pp. 87–99, viewed 3 January 2023. |
| Week 4 17 Nov | Transport security and improvements in transportation technology | Ch.6 & 7 | Tutorial exercises Case study from the Chapter, in class Formative assessment 100 word summary of the following Hoang Phuong Nguyen & Viet Duc Bui 2021, 'Big Data in the Transport Industry - An Indispensable Trend Approaching Logistics 4.0', Turkish Online Journal of Qualitative Inquiry, vol. 12, no. 6, pp. 8074–8099, viewed 3 January 2023. |
| Week 5 24 Nov | Logistics service providers - procurement | Ch.8 & 9 | Tutorial exercises Case study from the chapter and 100 word summary of the following Pan, C & Liu, M 2021, 'Optimization of Intelligent Logistics Supply Chain Management System Based on Wireless Sensor Network and RFID Technology', Journal of Sensors, pp. 1–11, viewed 3 January 2023. |
| Week 6 01 Dec | Inventory Management – warehousing and materials handling | Ch. 10 | Tutorial exercises Case study from the chapter and 100 word summary of the following Assessment 1 due Yuan, H, Qiu, H, Bi, Y, Chang, S-H & Lam, A 2020, 'Analysis of coordination mechanism of |

| Week (beginning) | Topic | Text Chapter | Expected work as listed in Moodle |
|-------------------|--|--------------|---|
| | | | supply chain management information system from the perspective of block chain', Information Systems & e-Business Management, vol. 18, no. 4, pp. 681–703. |
| Week 7 08 Dec | Technology in the supply chain – information and finance flows in the supply chain | Ch.11 | Tutorial exercises Case study from the chapter and 100 word summary of the following Rijanto, A 2021, 'Blockchain Technology Adoption in Supply Chain Finance', Journal of Theoretical & Applied Electronic Commerce Research, vol. 16, no. 7, pp. 3078–3098, viewed 3 January 2023. |
| Week 8 15 Dec | Supply chain vulnerability, risk, robustness and resilience | Ch.12 & 13 | Tutorial exercises Case study from the chapter and 100 word summary of the following Queiroz, MM, Ivanov, D, Dolgui, A & Fosso Wamba, S 2022, 'Impacts of epidemic outbreaks on supply chains: mapping a research agenda amid the COVID-19 pandemic through a structured literature review', Annals of Operations Research, vol. 319, no. 1 |
| Week 9 05 Jan | Sustainable logistics and supply chain systems- reverse logistics | Ch 14 & 15 | Tutorial exercises Case study from the chapter and 100 word summary of the following Dey, SK & Giri, BC 2022, 'Coordination of a sustainable reverse supply chain with revenue sharing contract', Journal of Industrial & Management Optimization, vol. 18, no. 1, pp. 487–510. |
| Week 10 12 Jan | Service supply chains- management science applications | Ch.16 | Tutorial exercises Case study from the chapter and 100 word summary of the following Douglas, MA, Mollenkopf, DA, Castillo, VE, Bell, JE & Dickey, EC 2022, 'Journeys, Not Destinations: Theorizing a Process View of Supply Chain Integrity', Journal of Business Ethics, vol. 181, no. 1, pp. 195–220. Assignment 2 due at the end of week 10 |
| Week 11 19 Jan | Emerging Supply Chains | Ch.17 | Tutorial exercises Case study from the chapter and 100 word summary of the following Gamboa Bernal, JP, Moreno Mantilla, CE & Orjuela Castro, JA 2020, 'Sustainable Supply Chain: Concepts, models and trends', Ingeniería (0121-750X), vol. 25, no. 3, pp. 1–17, viewed 3 January 2023. |

| Week (beginning) | Topic | Text Chapter | Expected work as listed in Moodle |
|------------------------|---|--|-----------------------------------|
| | | | |
| Week 12 27Jan (Tue) | Review week and exam preparation | | |
| Week 13 02 Feb | Study review week and Final Exam Week | | |
| Week 14 09 Feb | Examinations Continuing students - enrolments for T126 open | Please see exam timetable for exam date, time and location | |
| Week 15 16 Feb | Student Vacation begins New students - enrolments for T126 open | | |
| Week 16 23 Feb | <ul style="list-style-type: none">• Results Released• Review of Grade Day for T325 – see Sections 2.6 and 3.2 below for relevant information.• Certification of Grades <p>NOTE: More information about the dates will be provided at a later date through Moodle/KOI email.</p> | | |
| T126 2 Mar 2026 | | | |
| Week 1 02 Mar | Week 1 of classes for T126 | | |

2.5 Teaching Methods/Strategies

Briefly described below are the teaching methods/strategies used in this subject:

- *Lectures* (2 hours/week) are conducted in seminar style and address the subject content, provide motivation and context and draw on the students' experience and preparatory reading.
- *Tutorials* (2 hours/week) include class discussion of case studies and research papers, practice sets and problem-solving and syndicate work on group projects. Tutorials often include group exercises and so contribute to the development of teamwork skills and cultural understanding. Tutorial participation is an essential component of the subject and contributes to the development of many of the graduate attributes (see section 2.2 above). Tutorial participation contributes towards the assessment in many subjects (see details in Section 3.1 for this subject). Supplementary tutorial material such as case studies, recommended readings, review questions etc. will be made available each week in Moodle.
- *Online* teaching resources include class materials, readings, model answers to assignments and exercises and discussion boards. All online materials for this subject as provided by KOI will be found in the Moodle page for this subject. Students should access Moodle regularly as material may be updated at any time during the trimester
- *Other contact* - academic staff may also contact students either via Moodle messaging, or via email to the email address provided to KOI on enrolment.

2.6 Student Assessment

Provided below is a schedule of formal assessment tasks and major examinations for the subject.

| Assessment Type | When Assessed | Weighting | Learning Outcomes Assessed |
|---|---|--|----------------------------|
| Assessment 1: Formative Assessment. One x 100 words summary of any article between week 1 and 4 to be completed in class in week 4 | Week 4 | 0% | a, b, c, d |
| Assessment 2: Class Tutorial Participation | Weeks 2-5 and weeks 7-11 | 10% | a, b, c, d, e |
| Assessment 3: Globalisation and ethical supply chains – Individual Assessment – 2,500 + 10% words Report | Week 6 | 30% | a, b, c, e |
| Assessment 4. (Paired work): Technology, existing and emergent in logistics management - Group Assessment 3,500 + 10% words Report Presentations starting week 7-week 10 in Tutorials | Report: Week 10 Presentations: Weeks 9,10 and 11 | Report 20% Presentations 10% Total: 30% | a, b, c, d, e |
| Assessment 5: Individual Research Report | Week 12 | 30% | a, b, c, d, e |

Requirements to Pass the Subject:

To gain a pass or better in this subject, students must gain a *minimum of 50%* of the total available subject marks.

2.7 Prescribed and Recommended Readings

Provided below, in formal reference format, is a list of the prescribed and recommended readings.

Prescribed text:

Mangan, J., Calatayud, A. and Lalwani, C., 2025. Global logistics and supply chain management. 5th ed. John Wiley and Sons.

Recommended Readings:

Harrison, A., Skipworth, H., Hoek, R.I.v & Aitken, J., 2019, *Logistics management and strategy: competing through the supply chain*, 6th edn, Pearson Education, Harlow, U.K.

Novack, R.A., Langley Jr., C.J., Gibson, B.J. & Coyle, J.J. 2017, *Supply chain management: a logistics perspective*, 10th edn, Cengage Learning, Boston, MA.

Tien, N.H., Anh, D.B.H. and Thuc, T.D., 2019. Global supply chain and logistics management. *Delhi: Academic Publications*.

Journal Articles:

Andrushko, A., 2023. 'Project Approach to Supply Chain Management: A Case of New Product Launch in E – Commerce', IUP Journal of Supply Chain Management., vol. 20, no. 3, pp 5-19, Available from EBSCO Database.

Demir, İ.K., Güzel, D., 2024. 'Attitude of 3PL Providers of the Companies towards the Activities of Organization Performance', Technical Journal, vol. 18, no. 2, pp 163 – 171, Available from EBSCO Database.

Oke, A., Maltz, A., Goentzel, J., 2023. 'Logistics and supply chain management in base of the pyramid projects', Journal of Business Logistics, vol. 44. no.3, pp 323 – 344, Available from EBSCO Database.

Schrock, W.A., Zhao, Y., Adidam, P.T., Sindhav. B., Hult, T., 2024. 'Sales – Supply Chain Management Collaboration: Performance Effects and Boundary Conditions for International Salepeople' Journal of International Marketing, vol. 32, no. 1, pp 112 -124, Available from EBSCO Database.

Useful Websites:

The following websites are useful sources covering a range of marketing information. However, most are not considered to be sources of Academic Peer Reviewed information. If your assessments require academic peer reviewed journal articles as sources, you need to access such sources using the Library database – currently Ebscohost. Please ask in the Library if you do not know how to use Ebscohost.

- Australian Logistics Council <http://austlogistics.com.au/media-centre/publications/> The Australian Logistics Council is the peak national body representing the major and national companies in the Australian freight transport and logistics supply chain. This link takes you to their Publications page
- Institute of Transport and Logistics Studies <http://sydney.edu.au/business/itls> The Institute of Transport and Logistics Studies (ITLS) established in 1991 and run by Sydney University. It undertakes graduate teaching, management development programs, grant and contract research and development in the fields of transport and logistics studies.
- Logistics Association of Australia <https://sclaa.com.au/> The Logistics Association of Australia (LAA) is Australia's leading Association focused on logistics & supply chain management in the e-world of the 21st century. Its vision is to serve the logistics and supply chain profession by facilitating the exchange of knowledge and experience. The link takes you to the resources page containing many useful articles.
- Queensland Transport and Logistics Council <http://www.qtlc.com.au/resources/> The QTLC's mission is; "To represent the freight transport and logistics industry to influence policy, regulation, infrastructure planning and investment to achieve sustainable and productive supply chains". The link takes you to their resources page
- SmallBizConnect Small Business Toolkit funded by the NSW Government – this link focusses on Supply Chain Management
https://www.industry.nsw.gov.au/_data/assets/pdf_file/0004/55381/innovation_freight_logistics_industry_2_0080630.pdf

There are many consumer behaviour specific journals including:

- The Journal of Logistics Management
- The International Journal of Logistics Management
- Asia Pacific Journal of Operations Research,
- Food Logistics,
- Journal of Business Logistics, Supply Chain Management Review