



The University of Southern Queensland

## Course specification

The current and official versions of the course specifications are available on the web at <http://www.usq.edu.au/coursespecification/current>.  
Please consult the web for updates that may occur during the year.

### Description: Business Logistics

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
MGT	2103	90094	2, 2009	EXT	1.00	Toowoomba

<b>Academic group:</b>	FOBUS
<b>Academic org:</b>	FOB004
<b>Student contribution band:</b>	3A
<b>ASCED code:</b>	089901

### STAFFING

Examiner: Mehryar Nooriafshar  
Moderator: Latif Al-Hakim

### OTHER REQUISITES

Students are required to have access to a personal computer, e-mail capabilities and Internet access to UConnect. Current details of computer requirements can be found at <http://www.usq.edu.au/ict/students/standards/default.htm>.

### RATIONALE

Logistics costs represent a significant proportion of the cost of doing business. The planning, organisation and control of the logistics system is therefore critical to the financial and operational success of the business. Astute management of the procurement, inventory, warehousing, transportation and distribution systems is crucial to this success. Business Logistics, addresses the issues relevant to these central targets with the aim of enhanced effectiveness and efficiency.

### SYNOPSIS

This course will enable students to: display skills in analysing procurement, inventory and distribution systems, including the ability to determine how to deploy limited capital so that total system costs are minimized and desired customer service levels are maintained; show understanding of the principles of Pareto analysis and know how to apply these principles to the logistics system; develop and use materials requirements planning schemes, and to know when such schemes are appropriate; show an awareness of different warehouse storage systems and to know the advantages and disadvantages of each; examine critically the appropriateness of automation in any typical warehousing situation; and show some insight into the relevant issues concerning transportation and physical distribution system planning.

### OBJECTIVES

On successful completion of this course, students should be able to:

1. relate an organisation to its requirements for procurement and distribution

2. demonstrate professional literacy skills by analysing procurement and transportation systems and selecting those appropriate to an organisation
3. relate production systems to their requirements for purchasing, storage and distribution
4. display skills in analysing inventory systems, including the ability to determine how to deploy limited capital so that total system costs are minimized and desired customer service levels are maintained
5. show an awareness of different warehouse storage systems and to know the advantages and disadvantages of each
6. critically examine the appropriateness of automation in any typical warehousing situation
7. demonstrate problem-solving skills by showing some insight into the relevant issues concerning physical distribution system planning
8. demonstrate written and oral communication skills by preparing and submitting a major report.

## TOPICS

	Description	Weighting (%)
1.	Logistics and strategic planning	5.00
2.	The logistics environment	7.00
3.	Logistics fundamentals	20.00
4.	Locating logistics facilities	10.00
5.	Understanding inventories	30.00
6.	The transportation system	7.00
7.	The acquisition interface	7.00
8.	Warehousing	7.00
9.	Running the logistic system - operations	7.00

## TEXT and MATERIALS required to be PURCHASED or ACCESSED

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at <http://bookshop.usq.edu.au> click 'Semester', then enter your 'Course Code' (no spaces).

Ballou, RH 2004, *Business logistics/supply chain management and logware CD package*, 5th edn, Prentice-Hall, Upper Saddle River, New Jersey.

## REFERENCE MATERIALS

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.

Lewis, DC 1981, *Scientific inventory control*, 2nd edn, Butterworths, London.

Stock, JR & Lambert, DM 2001, *Strategic logistics management*, 4th edn, McGraw Hill/Irwin, Boston, Massachusetts.

## STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Assessments	15.00
Directed Study	25.00
Lectures	26.00
Private Study	35.00
Project Work	38.00
Tutorials	26.00

## ASSESSMENT DETAILS

Description	Marks out of	Wtg (%)	Due date	Objectives assessed	Graduate skill	Level assessed
ASSIGNMENT	100.00	20.00	10 Aug 2009	All	U2, U3	2, 2
MAJOR REPORT	100.00	30.00	31 Oct 2009	All	U2, U3, U4	2, 2, 2
2-HOUR EXAMINATION	100.00	50.00	END S2 (see note 1)	All	U2, U3, U4	2, 2, 2

### NOTES

1. The examination is scheduled to be held in the end-of-semester examination period. Students will be advised of the official examination date after the timetable has been finalised.

## GRADUATE QUALITIES AND SKILLS

Elements of the following Graduate Skills are associated with the successful completion of this course.

Graduate skill assessed	Level assessed
Problem Solving (Skill U2)	Intermediate (Level 2)
Academic & Professional Literacy (Skill U3)	Intermediate (Level 2)
Written & Oral Communication (Skill U4)	Intermediate (Level 2)

## IMPORTANT ASSESSMENT INFORMATION

- 1 Attendance requirements:  
If you are an international student in Australia, you are advised to attend all classes at your campus. For all other students, there are no attendance requirements for this course. However, it is the students' responsibility to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.
- 2 Requirements for students to complete each assessment item satisfactorily:  
To satisfactorily complete an individual assessment item a student must achieve at least 50% of the marks. (Depending upon the requirements in Statement 4 below, students may

- not have to satisfactorily complete each assessment item to receive a passing grade in this course.)
- 3 Penalties for late submission of required work:  
If students submit assignments after the due date without prior approval of the examiner, then a penalty of 5% of the total marks gained by the student for the assignment may apply for each working day late up to ten working days at which time a mark of zero may be recorded.
  - 4 Requirements for student to be awarded a passing grade in the course:  
To be assured of receiving a passing grade a student must achieve at least 50% of the total weighted marks available for the course.
  - 5 Method used to combine assessment results to attain final grade:  
The final grades for students will be assigned on the basis of the aggregate of the weighted marks obtained for each of the summative assessment items in the course.
  - 6 Examination information:  
This is a restricted examination. Candidates are allowed access to specific materials during the examination. The only materials that candidates may use in the restricted examination for this course are: writing materials (non-electronic and free from material which could give the student an unfair advantage in the examination); calculators which cannot hold textual information (students must indicate on their examination paper the make and model of any calculator(s) they use during the examination).
  - 7 Examination period when Deferred/Supplementary examinations will be held:  
Any Deferred or Supplementary examinations for this course will be held during the next examination period.
  - 8 University Regulations:  
Students should read USQ Regulations 5.1 Definitions, 5.6 Assessment, and 5.10 Student Academic Misconduct for further information and to avoid actions which might contravene university regulations. These regulations can be found at <http://www.usq.edu.au/corporateservices/calendar/part5.htm>. Students should also read the Faculty of Business Procedures which can be found at <http://www.usq.edu.au/business/aboutfob.htm>.

## ASSESSMENT NOTES

- 1 Assignments: (i) The due date for an assignment is the date by which a student must despatch the assignment to the USQ. The onus is on the student to provide proof of the despatch date, if requested by the examiner. (ii) Students must retain a copy of each assignment submitted for assessment. This must be produced within 24 hours if required by the examiner. (iii) In accordance with university policy, the examiner may grant an extension of the due date of an assignment in extenuating circumstances. (iv) The examiner will not accept submission of assignments by facsimile.
- 2 Referencing in assignments: Harvard (AGPS) is the referencing system required in this course. Students should use Harvard (AGPS) style in their assignments to format details of the information sources they have cited in their work. The Harvard (AGPS) style to be used is defined by the USQ Library's referencing guide at <http://www.usq.edu.au/library/help/referencing/default.htm>.
- 3 Course weightings: Course weightings of topics should not be interpreted as applying to the number of marks allocated to questions testing those topics in an examination paper. The examination may test material already tested in assignments.

- 4 Deferred work: Students who, for medical, family/personal, or employment-related reasons, are unable to complete an assignment or to sit for an examination at the scheduled time may apply to defer an assessment in a course. Such a request must be accompanied by appropriate supporting documentation. One of the following temporary grades may be awarded: IDS (Incomplete - Deferred Examination); IDM (Incomplete Deferred Make-up); IDB (Incomplete - Both Deferred Examination and Deferred Make-up).

## **OTHER REQUIREMENTS**

- 1 Computer, e-mail and Internet access: Students are required to have access to a personal computer, e-mail capabilities and Internet access to UConnect. Current details of computer requirements can be found at <<http://www.usq.edu.au/ict/students/standards/default.htm>>.
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