



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

WHERE NEW
THINKING
CREATES BUSINESS
OPPORTUNITIES

GRADUATE
SCHOOL OF **BUSINESS**
工商管理研究院



2010/11

PolyU **MSc**

**MSc / PgD in Global Supply
Chain Management**

Definitive Programme Document

Programme Code 26016



Qualified for the real world



TABLE OF CONTENTS

	<u>Page No.</u>
CONTACT LIST	i
FOREWORD	ii
ACADEMIC CALENDAR FOR 2010/2011	iii
Part I: General Information	
1. Programme Overview	1
2. Programme Aims and Objectives	1
3. Programme Outcomes	1
4. Entrance Requirements	2
5. Programme Structure	
5.1 Programme Information	2
5.2 Credit Requirements	2
5.3 Mode and Duration of Study	3
5.4 Subject Offerings	4
5.5 Programme Curriculum and Assessment Weightings	6
5.6 Recommended Progress Pattern	7
5.7 Professional Recognitions	7
6. Programme Management and Operation	7
7. Communication with Students	8
8. Subject Registration	
8.1 Add/Drop of Subjects	8
8.2 Withdrawal of Subjects	8
9. Credit Exemption and Transfer	9
10. Retaking of Subjects	9
11. Zero Subject Enrollment	10
12. Deferment of Study	10
13. Withdrawal of Study	
13.1 Official Withdrawal	11
13.2 Discontinuation of Study	11
13.3 De-registration	12
14. Assessment Methods	12
15. Passing a Subject	12
16. Assessment of Project	
16.1. General Regulations	12
16.2. Procedures for Preparing the Project	13
16.3. Assessment of Project	13
17. Grading	13
18. Progression and De-registration	14
19. Academic Probation	15
20. Eligibility for Award	15
21. Award Classifications	15
22. Late Assessment	15
23. Procedures for Appeal	16
24. Dismissal of Class	17
25. Plagiarism and Bibliographic Referencing	17
26. Prevention of Bribery Ordinance	17
Part II: Subject Syllabuses	18

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GSCM Programme Web Page
<http://www.polyu.edu.hk/gsb/gsm>

PolyU Student Handbook Web Page
<http://www.polyu.edu.hk/as>

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Sundays & Public Holidays: Closed

FOREWORD

It is our pleasure to welcome you to the Master of Science/ Postgraduate Diploma in Global Supply Chain Management programme offered by the Graduate School of Business at The Hong Kong Polytechnic University.

This programme prepares graduates to meet the needs of the supply chain management profession. Successful completion of this unique programme will equip you with knowledge and skills that are useful for business organizations to create value and sustain competitiveness in the supply chain field.

This Programme Document contains important information that is of direct relevance to your studies. You are strongly advised to read it carefully and use it as a guide for working out your study plan.

We wish you an enjoyable and rewarding experience with the University.

With warmest regards





Prof. Judy Tsui
Vice President
(International and Executive Education)
Director, Graduate School of Business
Chair Professor of Accounting



Prof. Howard Davies
Acting Dean
Associate Dean
(Programmes, Teaching and Learning)
Faculty of Business

The Hong Kong Polytechnic University
Academic Calendar 2010-11 (by Semester Week)

Month	Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Sem. Week	Notes
Aug 2010	--	23	24	25	26	27	28	29	--	Aug. 25 - Sep. 7: Add/Drop Period for Sem. 1
Sep	1	30	31	1	2	3	4	5	1	Sep. 1: Sem. 1 commences (Sem. 1: 1/9/2010 - 14/1/2011)
	2	6	7	8	9	10	11	12	2	
	3	13	14	15	16	17	18	19	3	Sep. 22: Mid-Autumn Festival (all evening classes suspended)
	4	20	21	22	23	24	25	26	4	Sep. 23: The day following Mid-Autumn Festival
Oct	5	27	28	29	30	1	2	3	5	Sep. 25: PolyU Education Info Day (all day-time and evening classes suspended)
	6	4	5	6	7	8	9	10	6	Oct. 1: National Day
	7	11	12	13	14	15	16	17	7	Oct. 16: Chung Yeung Festival
	8	18	19	20	21	22	23	24	8	
	9	25	26	27	28	29	30	31	9	
Nov	10	1	2	3	4	5	6	7	10	Nov. 3: Sixteenth Congregation (with different conferment sessions up to Tuesday, 23 November)
	11	8	9	10	11	12	13	14	11	
	12	15	16	17	18	19	20	21	12	
	13	22	23	24	25	26	27	28	13	
Dec	14	29	30	1	2	3	4	5	14	Dec. 4: Sem. 1 classes end
	15	6	7	8	9	10	11	12	Exam.	Dec. 9 - 23: Examination Period for Sem. 1
	16	13	14	15	16	17	18	19	Exam.	Dec. 22: Winter Solstice (evening examinations will not be scheduled)
	17	20	21	22	23	24	25	26)	Dec. 25: Christmas Day
Jan 2011	18	27	28	29	30	31	1	2)	Dec. 27: The first weekday after Christmas Day
	19	3	4	5	6	7	8	9)	Jan. 1: First day of January
	20	10	11	12	13	14	15	16)	Jan. 10 - 22: Add/Drop Period for Sem. 2
	21	17	18	19	20	21	22	23	1	Jan. 14: Sem. 1 ends and examination results finalised
	22	24	25	26	27	28	29	30	2	Jan. 15: Announcement of Sem. 1 examination results
Feb	23	31	1	2	3	4	5	6	Lunar New Year Break	Jan. 17: Sem. 2 commences (Sem. 2: 17/1 - 10/6/2011)
	24	7	8	9	10	11	12	13	3	Jan. 31 - Feb. 5: Lunar New Year Break (all day-time and evening classes suspended)
	25	14	15	16	17	18	19	20	4	Feb. 3 - 5: Lunar New Year Holidays
	26	21	22	23	24	25	26	27	5	
	Mar	27	28	1	2	3	4	5	6	6
28		7	8	9	10	11	12	13	7	
29		14	15	16	17	18	19	20	8	
30		21	22	23	24	25	26	27	9	
Apr	31	28	29	30	31	1	2	3	10	
	32	4	5	6	7	8	9	10	11	Apr. 5: Ching Ming Festival
	33	11	12	13	14	15	16	17	12	
	34	18	19	20	21	22	23	24	13	Apr. 22 - 25: Easter Holidays
May	35	25	26	27	28	29	30	1	14	Apr. 30: Sem. 2 classes end
	36	2	3	4	5	6	7	8	--	May 2: The day following Labour Day
	37	9	10	11	12	13	14	15	Exam.	May 9 - 23: Examination Period for Sem. 2
	38	16	17	18	19	20	21	22	Exam.	May 10: The Buddha's Birthday
	39	23	24	25	26	27	28	29)	
Jun	40	30	31	1	2	3	4	5)	Jun. 6: Tuen Ng Festival
	41	6	7	8	9	10	11	12)	Jun. 10: Sem. 2 ends and examination results finalised
	42	13	14	15	16	17	18	19	1	Jun. 11: Announcement of Sem. 2 examination results
	43	20	21	22	23	24	25	26	2	Jun. 13: Summer Term commences (Summer Term: 13/6 - 19/8/2011)
Jul	44	27	28	29	30	1	2	3	3	Jun. 13 - 18: Add/Drop Period for Summer Term
	45	4	5	6	7	8	9	10	4	Jul. 1: The HKSAR Establishment Day
	46	11	12	13	14	15	16	17	5	
	47	18	19	20	21	22	23	24	6	
	48	25	26	27	28	29	30	31	7	Jul. 30: Summer Term classes end
Aug	49	1	2	3	4	5	6	7	Exam.	Aug. 1 - 6: Examination Period for Summer Term
	50	8	9	10	11	12	13	14)	Aug. 19: Summer Term ends and examination results finalised
	51	15	16	17	18	19	20	21)	Aug. 20: Announcement of Summer Term examination results
	52	22	23	24	25	26	27	28	--	Aug. 31: Academic Year 2010-11 ends
Sep	1	29	30	31	1	2	3	4	1	Sep. 1: Sem. 1 of academic year 2011-12 commences (tentative)

 General Holidays (tentative for 2011)
 Dates of finalisation of examination results

* The 7-week Summer Term normally applies to subjects requiring classroom teaching. Summer placement/training including IC training and other forms of teaching may follow a different schedule.

PART I: GENERAL INFORMATION

1. PROGRAMME OVERVIEW

The MSc/PgD in Global Supply Chain Management is a unique supply chain focused postgraduate programme offered by the Graduate School of Business in Hong Kong. It is designed for executives in the fields of supply chain management and logistics. The programme embodies both a sound academic theory and professional practice. The combination of compulsory subjects and a wide range of electives, purchasing related subjects inclusive, reflects the multi-disciplinary nature of the business which students on the programme can pursue.

2. PROGRAMME AIMS AND OBJECTIVES

The programme aims to equip students to meet current and future needs in the supply chain management profession by creating and sustaining competitiveness in the supply chain through cost, quality and efficiency.

The objectives of the programme are to:

- (i) equip students with broad knowledge and skills in global supply chain management;
- (ii) provide students with a thorough grounding in subjects which lead to the knowledge and intellectual capability required for the understanding and critical analysis of supply chain management problems;
- (iii) introduce students in a coherent and systematic way to the body of knowledge and concepts which constitute the discipline of supply chain management;
- (iv) enhance students' awareness of the global supply chain management environment and the management issues;
- (v) help students develop key skills in order to function effectively in global supply chain management.

3. PROGRAMME OUTCOMES

The programme is designed to:

- (i) produce graduates who can view supply chain management from a global perspective;
- (ii) provide students with a thorough grounding in subjects which provide the knowledge and intellectual capability required for the understanding and critical analysis of supply chain management problems;
- (iii) develop in students the key skills required to function effectively in global supply chain management, namely purchasing and distribution management, supply chain management operations and strategy, effective use of information technology, numeracy.

4. ENTRANCE REQUIREMENTS

The minimum entrance requirements for both MSc and PgD awards are:

- (i) An honours Bachelor's degree in business-related discipline or equivalent;
- (ii) For non-business degree holders, 2-year relevant working experience or relevant background knowledge is required;
- (iii) Candidates in senior management positions possessing other academic qualifications may be considered on a case-by-case basis.

Priority will be given to applicants with relevant working experience.

5. PROGRAMME STRUCTURE

5.1 Programme Information

Programme Code and Title:

26016 Master of Science/Postgraduate Diploma in Global Supply Chain Management

Award:

Master of Science/Postgraduate Diploma in Global Supply Chain Management

Medium of Instruction:

English

5.2 Credit Requirements

Students are required to obtain the credit requirements specified below for the relevant award:

Award	No. of Credits	No. of Required Subjects
MSc	30	1 Compulsory Subjects + 4 Core Subjects + 5 Elective Subjects
PgD	18	1 Compulsory Subjects + 4 Core Subjects + 1 Elective Subject

The curriculum is designed as a taught postgraduate programme. Students admitted to the Master of Science (MSc)/ Postgraduate Diploma (PgD) programme may apply for transfer to PgD or MSc, subject to meeting the specified requirements.

Students who subsequently decide to graduate with a PgD/MSc must apply to the Graduate School of Business.

5.3 Mode and Duration of Study

The academic year is organized into Semester 1 (14 weeks), Semester 2 (14 weeks) and Summer Term (7 weeks), where appropriate.

Classes will be scheduled on weekday evenings or weekends. Summer Term will be utilized for those who want to spread out more evenly their learning or take advantage of Summer Term to complete the programme in 2 years but it is not mandatory for students.

Occasionally, some topics may be delivered in BLOCK MODE of *full-day* attendance for a few consecutive days and/or over the weekends. Students will be notified of the arrangement before subject registration. Block mode is usually arranged to make full use of overseas academic visitors or professionals.

The duration of the programme is as follows:

	MSc	PgD
Normal Duration	2.5 years	1.5 years
Maximum Duration	5 years	3 years

5.4 Subject Offerings

MSc	PgD
Compulsory Subject (1 subject – 3 credits) LGT5015 Supply Chain Management	
Core Subjects (4 subjects – 12 credits)	
<ul style="list-style-type: none"> • Choose at least <u>2</u> from: <ul style="list-style-type: none"> LGT5061 International Logistics Management LGT5102 Models for Decision Making LGT5105 Managing Operations Systems • Choose at least <u>1</u> from: <ul style="list-style-type: none"> LGT5032 Strategic Procurement Management LGT5034 Global Sourcing and Supply • Choose at least <u>1</u> from: <ul style="list-style-type: none"> LGT5152 Information Systems for Supply Chain Management MM544 E-Commerce <p><i>Note: Students may take more core subjects than necessary, and they will be counted as electives.</i></p>	
MSc	PgD
Elective Subjects (any 5 subjects – 15 credits)	Elective Subjects (any 1 subject – 3 credits)
AF5121 Strategic Value and Cost Management LGT5001 Organizational Management in Shipping & Logistics LGT5013 Transport Logistics in China LGT5014 Air Transport Logistics and Management LGT5017 Maritime Logistics LGT5033 Lean Thinking and Practice LGT5037 Project Management LGT5040 Supplier Development LGT5046 Contract Management LGT5101 Statistics for Management LGT5107 Total Quality Management LGT5108 Service Operations Management LGT5113 Enterprise Resource Planning LGT5131 Warehousing and Materials Management LGT5211 GSCM Project LGT5215 Practice of Global Supply Chain Management	AF5121 Strategic Value and Cost Management LGT5001 Organizational Management in Shipping & Logistics LGT5013 Transport Logistics in China LGT5014 Air Transport Logistics and Management LGT5017 Maritime Logistics LGT5033 Lean Thinking and Practice LGT5037 Project Management LGT5040 Supplier Development LGT5046 Contract Management LGT5101 Statistics for Management LGT5107 Total Quality Management LGT5108 Service Operations Management LGT5113 Enterprise Resource Planning LGT5131 Warehousing and Materials Management LGT5215 Practice of Global Supply Chain Management

Subject to university's minimum enrollment requirement, not all subjects will be offered each year. And, registration is subject to the availability of quota.

Starting from 2006/07, students at MSc level are allowed to choose **at most 1 elective**, equivalent to 3 credits, from the GSB Common Pool to fulfill the elective requirements of the programme. Please visit the website <http://www.gsb.polyu.edu.hk/gsbselectives.htm> for subject lists and subject syllabuses. **Students should strictly comply with the prescriptions of the programme curriculum when performing subject registration. Those who fail to meet the programme requirements will NOT be allowed to graduate.** Credit transfer/exemption will not be granted for subjects chosen from the GSB Common Pool, unless the elective subject concerned falls within the programme curriculum

5.5 Programme Curriculum and Assessment Weightings

Compulsory Subject		Credits	Pre-requisite	Contact Hours	Assessment	
Subject code	Subject Title				Coursework %	Examination %
LGT5015	Supply Chain Management	3	Nil	42	60	40
Core Subjects					Assessment	
Subject code	Subject Title	Credits	Pre-requisite	Contact Hours	Coursework %	Examination %
LGT5032	Strategic Procurement Management	3	Nil	42	50	50
LGT5034	Global Sourcing and Supply	3	Nil	42	50	50
LGT5061	International Logistics Management	3	Nil	42	50	50
LGT5102	Models for Decision Making	3	Nil	42	50	50
LGT5105	Managing Operations Systems	3	Nil	42	50	50
LGT5152	Information Systems for Supply Chain Management	3	Nil	42	50	50
MM544	E-Commerce	3	Nil	42	50	50
Elective Subjects					Assessment	
Subject code	Subject Title	Credits	Pre-requisite	Contact Hours	Coursework %	Examination %
AF5121	Strategic Value and Cost Management	3	Nil	42	50	50
LGT5001	Organizational Management in Shipping and Logistics	3	Nil	42	50	50
LGT5013	Transport Logistics in China	3	<i>Understand Putonghua & read simplified Chinese Characters</i>	42	50	50
LGT5014	Air Transport Logistics and Management	3	Nil	42	50	50
LGT5017	Maritime Logistics	3	Nil	42	50	50
LGT5033	Lean Thinking and Practice	3	Nil	42	50	50
LGT5037	Project Management	3	Nil	42	50	50
LGT5040	Supplier Development	3	Nil	42	50	50
LGT5046	Contract Management	3	Nil	42	50	50
LGT5101	Statistics for Management	3	Nil	42	50	50
LGT5107	Total Quality Management	3	Nil	42	50	50
LGT5108	Service Operations Management	3	<i>Deterministic operations research knowledge</i>	42	100	0
LGT5113	Enterprise Resource Planning	3	Nil	42	50	50
LGT5131	Warehousing and Materials Management	3	Nil	42	50	50
LGT5211	GSCM Project	6	LGT5015	-	100	0
LGT5215	Practice of Global Supply Chain Management	3	LGT5015	-	100	0

5.6 Recommended Progress Pattern

Students are encouraged to follow the recommended progression pattern¹ to benefit from a cohort-based study and to graduate within the normal study period. However, being credit-based, the programme allows you the flexibility to proceed at your own pace according to your time commitment and learning needs, while not exceeding the prescribed maximum study period.

Under the recommended progression pattern, students are advised to take 2 subjects in each regular semester (i.e. Semester 1 & Semester 2) and 1 subject in an optional Summer Term.

5.7 Professional Recognition

Graduates of the MSc in Global Supply Chain Management have been granted full exemption from the Qualifying Examination of The Chartered Institute of Logistics and Transport in Hong Kong.

Graduates of the PgD in Global Supply Chain Management have been granted partial exemption from the Qualifying Examination of The Chartered Institute of Logistics and Transport in Hong Kong.

Graduates of the MSc in Global Supply Chain Management in the academic year 2009/10 have been granted accreditation by The Chartered Institute of Purchasing & Supply (CIPS) and may apply for the full membership. Subjects requirement and renewal of accreditation thereafter are subject to review each year.

6. **PROGRAMME MANAGEMENT AND OPERATION**

A Programme Committee is formed to exercise the overall academic and operational responsibility for the Programme and its development within policies, procedures and regulations defined by the University. Its composition comprises academics and student representatives.

The Programme Director and/or Deputy Programme Director and/or Programme Manager are responsible for the day-to-day management and operation of the programme, student admissions, teaching and learning matters, quality assurance (QA) and programme development. Their prime role is to ensure the programme is delivered according to the established QA mechanism.

¹ Patterned subjects on offer are subject to change without prior notice. Students can enquire the class timetable of the semester concerned via <http://www.polyu.edu.hk/student> upon release of the relevant class timetable.

7. COMMUNICATIONS WITH STUDENTS

While we work to communicate clearly and timely with students according to University regulations and procedures, it is the **responsibility of students** to help maintain the effectiveness of the communication process. **Students should ensure that their up-to-date personal and correspondence details are provided** to the University and the relevant departments (e.g. AS, GSB, subject offering departments, etc); and **check relevant correspondence channels regularly** to obtain the latest information regarding their studies and the status of any related applications (e.g. late assessment, appeal of subject results, add/drop of subjects, deferment, etc) lodged. Failure in doing so will not constitute any grounds for appeals/complaints against consequences/decisions of the relevant matters and applications.

8. SUBJECT REGISTRATION

8.1 Add/Drop of Subjects

In addition to programme registration, students need to register for subjects at specified period prior to the commencement of the semester.

If you wish to change the subjects enrolled, you may do so through the online add/drop system during the 2-week add/drop period which starts one week before the commencement of a semester (except summer term). You will be informed of the detailed arrangement before the start of each semester. In case you wish to drop all subjects in that semester, you must first seek approval from your Department for zero subject enrollment. Dropping of subjects after the add/drop period is not allowed. If you have a genuine need to do so, it will be handled as withdrawal of subject.

For students whose tuition fee is charged according to the number of credits taken, they will have to pay an initial down payment (equivalent to 3 credits or as specified by their Department) before the commencement of the semester. If they have taken more credits, including those taken before or during the add/drop period, they will receive a second debit note on the outstanding tuition fee about 5 weeks after the commencement of the semester.

8.2 Withdrawal of Subjects

You are not allowed to drop subjects after the add/drop period. If you have a genuine need to withdraw a subject after the add/drop period, you should submit a written request for withdrawal of subject to your programme offering department. Such requests will be considered by both the programme leader and subject lecturer concerned if there are strong justifications and when the tuition fee of the subject concerned has been settled. Requests for subject withdrawal will not be entertained after the commencement of the examination period.

For approved cases, a handling fee will be charged. The tuition fees paid for the withdrawn subject will be forfeited. A code "W" will appear in your Examination Result Sheet on web and Transcript of Studies for the withdrawn subject. If the handling fee concerned is outstanding by the payment deadline, the approval given will be declared void and you are required to attend classes of this subject and complete its assessment(s) accordingly. A reinstatement fee of HK\$400 will be charged if you wish to reinstate the approval for the withdrawn subject.

9. CREDIT EXEMPTION AND TRANSFER

Irrespective of the extent of previous study or credits recognized, all students studying in PolyU should complete at least one third of the normal credits requirement in order to be eligible for the PolyU award.

If you consider your previous study relevant to your current programme, you may apply for credit exemption or transfer by using Form AS41c.

You may be granted exemption from taking certain subjects if you have successfully completed similar subjects in another programme. The credits associated with the exempted subject will not be counted for satisfying the credit requirements of your programme. You should consult your Department and take another subject in its place. For students whose tuition fees are charged by credits, an exemption fee will be charged.

You should submit an application for credit transfer upon your initial enrollment on the programme or before the end of the add/drop period of the first semester of your first year of study. For students whose tuition fees are charged by credits, a credit transfer fee will be charged.

The validity period of subject credits earned is eight years from the year of attainment, i.e. the year in which the subject is completed, unless otherwise specified by the department responsible for the content of the subject (e.g. the credit was earned in 1998-99, then the validity period should count from 1999 for eight years). Credits earned from previous studies should remain valid at the time when the student applies for transfer of credits. There is a limit on the maximum number of credits that could be transferred. If the credits attained from previous study are from PolyU, the total credits transferred should not exceed 67% of the required credits for the award. If the credits gained are from other institutions, the total credits transferred should not exceed 50%. In cases where both types of credits are transferred, not more than 50% of the required number of credits for the academic award may be transferred. Grades may or may not be given for the transferred credits.

All credits transferred will be counted for satisfying the award requirements. Transferred credits may be counted for meeting the requirements of more than one award.

10. RETAKING OF SUBJECTS

After the announcement of examination results in a semester, you should check whether you have failed any subject via the Web Examination Results Enquiry System and arrange for retaking of the subject. You can retake a failed subject during the add/drop period of each semester on web.

In addition to retaking a subject due to failure, you may retake any subject for the purpose of improving your grades. These students will be accorded a lower priority for taking the concerned subjects and can only do so if places are available. Students concerned are required to submit the request by email to their programme offering department for processing before the end of the add/drop period. The programme offering department will inform the students concerned whether they have successfully enrolled on a retake subject after the add/drop period.

When you retake a subject, only the final subject grade after the retake will be included in the calculation of the Grade Point Average (GPA) and the Grade Point Average for award classification. Although the original grade will not be included in the calculation of GPAs, it will be shown on the transcript of studies.

Students paying credit fee will be charged for the retaken subjects.

11. ZERO SUBJECT ENROLLMENT

If you do not wish to take any subject in a semester (including the compulsory summer term specified in this document), you must seek approval from the Programme Management to retain your study place by submitting Form AS112 preferably before the start of the semester and in any case not later than the end of the add/drop period. Otherwise, you will be considered as having given up your study in the University.

The semesters during which you are allowed to take zero subject will be counted towards the maximum period of registration for the programme concerned. You will receive notification from the Programme Management normally within 2 weeks if your application is successful. Students who have been approved for zero subject enrollment are allowed to retain their student status and continue using campus facilities and library facilities. A fee of HK\$2,105 per semester for retention of study place will be charged.

12. DEFERMENT OF STUDY

You may apply for deferment of study if you have a genuine need to do so such as illness. The deferment period will not be counted as part of the maximum period of registration.

You are required to submit an application for deferment of study via Form AS7 to the programme offering department. You will be informed of the result of your application in writing or via e-mail by the Department normally within three weeks from the date of application.

Once you have been approved to defer your study, it is necessary for you to return your student identity card to the relevant office immediately and not later than two weeks after the approval of your application. If you do not return your student identity card by the deadline, the approval on your application will be withdrawn.

It is necessary for you to settle all the outstanding tuition fee and/or other fees in order to have your application for deferment processed if the application is submitted after the start of a semester. However, if you submit the application before the commencement of the relevant semester, the tuition fee paid after deducting a fee of HK\$5,000 will be refunded to you in cash. If the tuition fee paid is equal to or less than the above amount, no refund will be arranged. The deduction of such fee will be waived for current students. Alternatively, you may apply for zero subject enrollment to reserve your study place.

Upon expiry of the approved period of deferred study, you will be advised to confirm your resumption of study and to settle the tuition fee and complete the re-enrollment procedures. If you do not receive such notification one week before the commencement of the Academic Year/Semester, you should enquire at the Academic Secretariat.

The approval of deferment of study is not automatic; applications should be submitted to the GSB before the commencement of the semester concerned. Students must observe the procedures and timelines as stipulated by the University.

13. WITHDRAWAL OF STUDY

13.1 Official Withdrawal

If you wish to discontinue your study at the University before completing your programme, it is necessary for you to complete the withdrawal procedure via Form AS6. Fees paid for the semester which you are studying will not be refunded.

Your application will not be processed if you have not returned your student identity card with the application form or have not cleared outstanding matters with the various departments/offices concerned, such as settling outstanding fees/fines and Library loans and clearing your locker provided by the Student Affairs Office.

The relevant Faculty/School Board Office will inform you in writing or via e-mail of the result of your application, normally within three weeks from the date of application.

Upon confirmation of your official withdrawal, you will be eligible for the refund of the caution money paid if you have no outstanding debts to the University.

However, if you have paid the tuition fee for the semester concerned and your application is submitted before the commencement of that semester, the tuition fee paid after deducting a fee of HK\$5,000 will be refunded to you in cash. If the tuition fee paid is equal to or less than the above amount, no refund will be arranged. The deduction of such fee will be waived for current students.

If you discontinue your study at the University without completing proper withdrawal procedures, you will be regarded as unofficially withdrawn and the caution money paid at first registration will be confiscated.

13.2 Discontinuation of Study

If you discontinue your study without following the proper procedures for official withdrawal, you will be regarded as having given up your study at the University. In such cases, you will not be eligible for the refund of caution money and shall not be considered for re-admission to the same programme-stream in the following academic year.

13.3 De-registration

If you are de-registered on grounds of academic failure, you must return your student identity card to the Academic Secretariat within 3 weeks upon the official release of examination result. Failure to return the student identity card may render you not eligible for any certification of your study nor be considered for admission in subsequent years. The caution money paid will also be confiscated. Any subsequent request for the refund of caution money by returning the student identity card after the original deadline will not be entertained.

Students who have been de-registered shall not be considered for re-admission to the same programme-stream in the following academic year.

14. **ASSESSMENT METHODS**

Students' performance in a subject shall be assessed by continuous assessments and/or examinations. Where both methods are used, the weighting of each in the overall subject grade shall be clearly stated in this definitive programme document.

Continuous assessment may include tests, assignments, projects, laboratory work, field exercises, presentations and other forms of classroom participation. The contribution made by each student in continuous assessment involving a group effort shall be determined and assessed separately.

15. **PASSING A SUBJECT**

In order to pass in a subject offered by the School/Departments in the Faculty of Business (i.e. subjects with prefix of AF/LGT/MM/FB), all students have to obtain Grade D or above in both the continuous assessment and examination components of the subject. If a subject is assessed by only one component (either by continuous assessment or examination), then the passing grade for the subject is D.

16. **ASSESSMENT OF PROJECT**

16.1 General Regulations

The project is equivalent to 6 credits; and students must satisfy the appropriate pre-requisites before they can enrol in the project.

The normal period for completion is one academic year (two 14-week semesters and 7-week Summer Term). To ensure that students are suitably equipped before the project is started, a minimum of 12 credits including the compulsory subject LGT5015 Supply Chain Management must have been achieved before registering for the project. Students who are unable to pass the subject within the normal period would be deemed having failed the subject. The normal period for project may be extended, subject to the approval of the Project Coordinator and based on the academic judgement of the likelihood of the student succeeding within the time granted for the extension, for a period of one semester every time. When permission is granted to extend the registration, the student will be required to pay a 3-credit course fee for each additional semester.

Break of study is normally not permitted once a student registers for GSCM Project and students are expected to pursue their project in consecutive semesters. No re-assessment or retake of the failed project is allowed.

16.2 Procedures for Preparing the Project

Preparatory Phase – to identify a research topic area with matching Project Supervisor, and agree on the research goals and methodology, with plans and schedules, through literature search and active dialogue between student and Supervisor. Student will not proceed to the 2nd phase if the research proposal is not satisfactory.

Research Phase – this is the period for carrying out the actual research work. The student should meet with the Supervisor regularly for guidance and continuous assessment of the progress. When the Supervisor is satisfied and the research goals have been achieved the student can then proceed to the final phase.

Submission of the project – this is the writing up of the work according to the standard format.

16.3 Assessment of Project

The final project will be assessed by the Supervisor and a moderator.

17. GRADING

Assessment grades shall be awarded on a criterion-reference basis. A student's overall performance in a subject shall be grades as follows:

Grade	Description	Numeral Grade Point
A+	Exceptionally Outstanding	4.5
A	Outstanding	4
B+	Very Good	3.5
B	Good	3
C+	Wholly Satisfactory	2.5
C	Satisfactory	2
D+	Barely Satisfactory	1.5
D	Barely Adequate	1
F	Inadequate	0

'F' is a subject failure grade, whilst all others ('D' to 'A+') are subject passing grades. No credit will be earned if a subject is failed.

At the end of each semester/term, a Grade Point Average (GPA) will be computed as follows, and based on the numeral grade point of all the subjects:

$$\text{GPA} = \frac{\sum \text{Subject Grade Point} \times \text{Subject Credit Value}}{\sum \text{Subject Credit Value}}$$

where n = number of all subjects (inclusive of failed subjects) taken by the student up to and including the latest semester/term, but for subjects which have been retaken, only the grade obtained in the final attempt will be included in the GPA calculation.

In addition, the following subjects will be excluded from the GPA calculation:

- (i) Exempted subjects
- (ii) Ungraded subjects
- (iii) Incomplete subjects
- (iv) Subjects for which credit transfer has been approved without any grade assigned
- (v) Subjects from which a student has been allowed to withdraw (i.e. those with the grade 'W')

A subject which has been given an "S" subject code, i.e. absent from examination, will be included in the GPA calculation and will be counted as "zero" grade point. GPA is thus the unweighted cumulative average calculated for a student, for all relevant subjects taken from the start of the programme to a particular point of time. GPA is an indicator of overall performance and is capped at 4.0.

Any subject passed after the graduation requirement has been met or subjects taken on top of the prescribed credit requirements for award shall not be taken into account in the grade point calculation for award classification.

18. PROGRESSION AND DE-REGISTRATION

A student will normally have "progressing" status unless he/she falls within the following categories, any one of which may be regarded as grounds for de-registration from the Programme:

- (i) The student has exceeded the maximum period of registration; or
- (ii) The student's GPA is lower than 2.0 for two consecutive semesters and his/her Semester GPA in the second semester is below 2.0; or
- (iii) The student's GPA is lower than 2.0 for three consecutive semesters.

Notwithstanding the above, the Board of Examiners will have the discretion to de-register students with extremely poor academic performance before the time specified in (ii) and (iii) above. If there are good reasons, the Board of Examiners has the discretion to recommend, for approval by the respective Faculty/School Board, that students who fall into categories (ii) or (iii) be allowed to stay on the programme.

The progression of students to the following academic year will not be affected by the GPA obtained in an optional Summer Term and that the Summer Term study does not constitute a substantial requirement for graduation.

19. ACADEMIC PROBATION

The academic probation system is implemented to give prior warning to students who need to make improvement in order to fulfill the GPA requirement of the University. If your GPA is below 2.0, you will be put on academic probation in the following semester. If you are able to obtain a GPA of 2.0 or above by the end of the probation semester, the status of "academic probation" will be lifted. The status of "academic probation" will be reflected on the web examination results. However, this status will not be displaced in the transcripts of studies.

20. ELIGIBILITY FOR AWARD

A student would be eligible for the award of Master of Science in Global Supply Chain Management or Postgraduate Diploma in Global Supply Chain Management on satisfying ALL the conditions listed below:

- (i) Accumulation of the requisite number of credits for the award, as defined in this document.
- (ii) Satisfying all the 'compulsory' and 'elective' requirements defined.
- (iii) Having a GPA of 2.0 or above at the end of the programme.

A student is required to graduate as soon as he satisfies all the conditions stated above. A student may take more credits than he needs to graduate on top of the prescribed credit requirements for his award in or before the semester within which he becomes eligible for award.

21. AWARD CLASSIFICATIONS

The following award classifications apply to your programme:

Award Classification	GPA
Distinction	3.7 ⁺ – 4.0
Credit	3.2 ⁺ – 3.7 ⁻
Pass	2.0 – 3.2 ⁻

The above ranges for different classifications are subject to BoE's individual discussion of marginal cases.

Note: "+" sign denotes 'equal to and more than'; "-" sign denotes 'less than'.

22. LATE ASSESSMENT

If you have been absent from an examination or are unable to complete all assessment components of a subject because of illness, injury or other unforeseeable reasons, you may apply for a late assessment. Permission is subject to the approval of the Subject Assessment Review Panel (SARP). Application in writing should be made to the Head of Department offering the subject **within five working days** from the date of the examination together with any supporting documents such as a medical certificate.

In case you are permitted to take a late assessment, that examination or other forms of assessment as decided by SARP will be regarded as a first assessment and the actual grade attained will be awarded.

You are required to settle a late assessment fee (chargeable at HK\$245 per subject) before taking/completing the late assessment. If you fail to settle the fee, the result of your late assessment would be invalidated.

23. PROCEDURES FOR APPEAL

Students appealing against the decision of SARP/BoE shall pay a fee of HK\$125. Payment forms are obtainable from the Academic Secretariat Service Centre. If more than one examination paper is involved, an extra fee of HK\$125 shall be charged for each additional paper. This fee shall be refunded if the appeal is upheld.

A student should make his/her appeal in writing to his/her Head of Department **within 7 working days** upon the public announcement of the examination results. [This refers to the date when results are announced to students via the web. For 2010-11, the announcement dates are 15 January 2011 (Semester 1), 11 June 2011 (Semester 2) and 20 August 2011 (Summer Term).] The Head of Department shall deal with the appeal if the student is studying in a department-based programme/scheme. If the student is studying in other types of programmes/schemes, the Head of Department shall refer the appeal to the Scheme Committee Chairman for Postgraduate Schemes.

The appeal should be accompanied by a copy of the fee receipt, for inspection by the Department concerned. The student should give a complete account of the grounds for the appeal in the letter, and provide supporting evidence.

The student will be informed of the result of the appeal within 7 working days after receipt of the letter of appeal.

If the appellant is dissatisfied with the decision, he/she may then appeal in writing to the Academic Secretary **but not later than 7 working days** after receipt of the Head of Department's/authorised person's reply. He/She should provide the following information together with other relevant documents in support of the appeal:

- name in English and Chinese;
- student number;
- programme title, year and class of study;
- examination/subject results appealing against; and
- grounds for appeal

The Academic Secretary shall then refer the case to the Academic Appeals Committee, who shall determine whether there are prima facie grounds for a re-consideration of the SARP's/BoE's decision.

The decisions of the Academic Appeals Committee shall be final within the University.

24. DISMISSAL OF CLASS

If the subject lecturer does not show up after 30 minutes of the scheduled start time, the class is considered cancelled and appropriate follow up arrangements (e.g. rescheduled class, make-up class, etc) will be announced to students in due course.

25. PLAGIARISM AND BIBLIOGRAPHIC REFERENCING

The University and the GSB view plagiarism and copying of copyright materials, without the licence of the copyright owner, as a serious disciplinary offence. Students should comply with the University's policy on plagiarism in continuous assessment, bibliographic referencing and photocopying of copyright materials.

26. PREVENTION OF BRIBERY ORDINANCE

PolyU staff members may in no circumstances solicit or accept an advantage. For relevant details, please refer to the Prevention of Bribery Ordinance (Chapter 201) of the Laws of Hong Kong at <http://www.legislation.gov.hk>.

For details of all the regulations covered in this publication, please refer to the Student Handbook of the relevant year.

PART II: SUBJECT SYLLABUSES

Subject Code	Subject	Page No.
<i><u>Accounting and Finance</u></i>		
AF5121	Strategic Value and Cost Management	19
<i><u>Logistics and Maritime Studies</u></i>		
LGT5001	Organizational Management in Shipping and Logistics	21
LGT5013	Transport Logistics in China	23
LGT5014	Air Transport Logistics and Management	25
LGT5015	Supply Chain Management	27
LGT5017	Maritime Logistics	29
LGT5032	Strategic Procurement Management	31
LGT5033	Lean Thinking and Practice	33
LGT5034	Global Sourcing and Supply	35
LGT5037	Project Management	37
LGT5040	Supplier Development	39
LGT5046	Contract Management	41
LGT5061	International Logistics Management	43
LGT5101	Statistics for Management	45
LGT5102	Models for Decision Making	47
LGT5105	Managing Operations Systems	50
LGT5107	Total Quality Management	52
LGT5108	Service Operations Management	54
LGT5113	Enterprise Resource Planning	57
LGT5131	Warehousing and Materials Management	59
LGT5152	Information Systems for Supply Chain Management	61
LGT5211	GSCM Project	63
LGT5215	Practice of Global Supply Chain Management	65
<i><u>Management & Marketing</u></i>		
MM544	E-Commerce	66

Website of GSB Common Pool Electives

<http://www.gsb.polyu.edu.hk/gsbelectives.htm>

Subject Code	:	AF5121
Subject Title	:	Strategic Value and Cost Management
Level	:	5
Credits	:	3
Mode of Study	:	Seminar 42 hours
Pre-requisites	:	None
Exclusions	:	Strategic Value Management (LGT5039) OR Strategic Value and Cost Management (LGT5045)
Assessment	:	Coursework 50% Final Examination 50%
Minimum Pass Grade	:	Coursework (D) Final Examination (D)

ROLE AND PURPOSE

This subject aims to:

- Familiarize students with strategic and operational concepts of value and cost that are critical to the understanding and analysis of internal supply chain management problems (GSM OUTCOME 2).
- Stimulate critical and creative thinking in the business setting by integrating the internal and external contingent variables relating to the cost of transacting that define the relationships and contracts that will best serve the business (ISS OUTCOME 1).
- Equip students with cost and management accounting problem solving skills which help them understand critically how value and cost can be strategically managed to improve efficiency and effectiveness that improve competitive advantage and operational sustainability (ISS OUTCOME 1; GSM OUTCOME 3).
- Introduce to students the process of identifying cost and value in business, and the tools and techniques that are used to evaluate cost, price and value in purchasing and supply decision-making. These tools also ensure the effective supply chain management operations and strategy (GSM OUTCOME 3), as well as the proper installation, implementation and monitoring of quality system in an organization (QMN OUTCOME 1).

LEARNING OUTCOMES

On completion of this subject, participants will be able to:

- Understand and critically apply the appropriate techniques to generate cost information to help management in planning and control of supply chain management operations and strategy (GSM OUTCOME 3).
- Suggest alternative solutions to various management decision-making problems based on their understanding of relevant cost information and other management accounting tools (ISS OUTCOME 1).
- Understand and critically apply the concepts and theories of strategic values and costs and their related issues (GSM OUTCOME 2).
- Identify and apply costs and other critical success factors in management planning, control and quality management (QMN OUTCOME 1, GSM OUTCOME 3).

INDICATIVE CONTENT

Strategic Values and Positioning

Concepts of strategic values. Value chain analysis and competitive strategy. Link between strategic positioning and cost management. Ethical standards and resolution of ethical conflicts.

Understanding Costs: Concepts, Classifications and Estimations

Cost and management accounting terms. Manufacturing cost flows. Cost behaviours and Cost estimation.

Variable Costing and Cost-Volume-Profit Analysis

Difference between absorption costing and variable costing. Breakeven analysis. Relationship between CVP and cost planning.

Job Costing and Activity Based Costing

Description the building block concept of costing systems. Approach to job costing. Cost allocation systems. Understanding cost drivers. Distinctive features of activity based costing.

Budgeting

Master budget and its strategic role to organisations. Zero-based budgeting. Incremental budgeting. Fundamental budgetary behaviour.

Decision Making Processes and Pricing Decisions

Fundamental concepts on decision making. Different decision making scenarios. Strategic issues in using relevant cost information. Strategic pricing. Life-cycle costing. Target costing. Theory of constraints.

Performance Measurement

Decentralization and responsibility centers. Segment reporting and profitability. Performance measures. The Balanced Scorecard. Linking performance measures to strategy.

Quality Assurance and Strategic Value

Link between quality and strategic value. Total quality management. Six Sigma approach. Costs of quality reports. Quality cost information and decision making.

TEACHING/LEARNING APPROACH

This course is conducted in a three-hour seminar basis, including a two-hour mass lecture each week to initiate students into the ideas, concepts and techniques of the topics in the syllabus, which is then reinforced by a one-hour tutorial designed to consolidate and develop students' knowledge through practical problem solving, presentations of cases or discussions of articles relevant for the subject.

INDICATIVE READING

Blocher/Chen/Cokins/Lin, *Cost Management: A Strategic Emphasis*, most recent edition, McGraw Hill.

Kaplan, R. S. and A. A. Atkinson, most recent edition, *Advanced Management Accounting*, Prentice Hall.

Shank, K. and Govindarajan, V, most recent edition, *Strategic cost management*, Ashgate.

Subject Code	LGT5001
Subject Title	Organisational Management in Shipping & Logistics
Credit Value	3
Pre-requisites	Nil
Exclusions	Nil
Teaching/Learning Approach	Lecture: 28 hours <u>Seminars / Tutorials: 14 hours</u> Total: 42 hours
Assessment	COURSEWORK: (Mini-project) 50% EXAMINATION: 50%
Minimum Pass Grade	COURSEWORK: D EXAMINATION: D

Objectives

To provide students with a full understanding of the organisational and human resources management in the context of international shipping and logistics.

Learning Outcomes

This subject is designed to provide broad, analytical and integrated study of the management of organisations with respect to international shipping and logistics. At the successful completion of this subject, students are expected to:

1. Demonstrate relevant professional knowledge and understanding of maritime and logistics organisations, the external environment in which they operate and how they are managed.
2. Understand and respond to changes in global business environment with respect to the management issues of globalisation, organisational structure, cultural diversity, ethics and quality management in the context of international shipping and logistics.
3. Analyse the inter-relationships among and the integration of these areas within the overall student learning experience.

Keyword Syllabus

Logistics organisation structures; Generic organisational choices for logistics; Development of an optimal logistics organisation; Organisational issues in an international shipping and logistics context.

Developing strategic alliances, shipping alliances and consortia. International joint venture formation and licensing. Managing diversity in organisations; organisation culture; managing multi-cultural organisations in shipping and logistics; Management of global logistics.

Organisational issues in measuring and interpreting logistics productivity and performance; Logistics quality process, Third-party logistics; Outsourcing.

Regulating regimes in international shipping; Effects of OSRA 1998 and EU competition policy on international shipping. Management issues in e-commerce in relation to shipping and logistics.

Human resources management in context, leadership and customer care.

Readings & References

Ballou, Ronald H., Upper Saddle River (2004) *Business logistics management: planning, organizing, and controlling the supply chain, 4th ed*, N.J. : Prentice Hall.

Managing conflict, Boston, MA : Harvard Business School Press, c2007.

Aba-Bulgu, M. and Sardar M.N. Islam (2007), *Corporate crisis and risk management : modelling, strategies and SME application*. Oxford : Elsevier, 2007

Butterworths Hong Kong employment handbook : Employment Ordinance (Cap 57) / annotator, Michael Downey ; managing editor, Sharon Kaur; editor, Elizabeth Sheares. Hong Kong: LexisNexis Butterworths, c2007

Deresky, Helen (2008), *International management : managing across borders and cultures : text and cases*, Upper Saddle River, N.J. : Pearson Prentice Hall (6th edition).

The Blackwell encyclopedia of management. Organizational behavior / edited by Nigel Nicholson, Pino G. Audia, and Madan M. Pillutla. Malden, Mass. : Blackwell Publishers, 2005. (2nd edition)

Hogan-Garcia, Mikel (2007), *The four skills of cultural diversity competence : a process for understanding and practice*, Belmont, CA : Thomson Brooks/Cole. (3rd edition).

Pozdnakova, Alla (2008), *Liner shipping and EU competition law*, Wolters Kluwer.

Joint ventures, mergers and acquisitions, and capital flow, James B. Tobin and Lawrence R. Parker, editors. New York : Nova Science Publishers, c2009.

Journals:

Journal of Business Logistics

Human Resources Journal

International Journal of Physical distribution & Logistics

Maritime Economics and Logistics

Maritime Policy and Management

Subject Code	LGT5013
Subject Title	Transport Logistics in China
Credit Value	3
Pre-requisites	Students are expected to understand Putonghua and to read simplified Chinese Characters
Exclusions	Nil
Teaching/Learning Approach	Lecture: 28 hours <u>Seminars / Tutorials: 14 hours</u> Total: 42 hours
Assessment	COURSEWORK: (Assignments) 50% EXAMINATION: 50%
Minimum Pass Grade	COURSEWORK: (Assignments) D EXAMINATION: D

Objectives

To provide within an operational and business environment:

an advanced understanding of the principles and complexities of the freight industry in China;

the advanced skills necessary to implement various mode of freight transport management within a logistics company environment;

proactive skills to achieve and sustain advantage in a rapidly changing business/freight operational environment in China.

Learning Outcomes

Students completing this subject will be able to:

1. Describe the logistics operation of sea, land and air transports in China.
2. Examine the Chinese policy in international trade and transport and the economic relationship between China and Hong Kong.
3. Apply the Chinese transport and customs law.
4. Develop the ability to assess and evaluate the different logistics environments in China and Hong Kong.

Keyword Syllabus

(a) Organisation and Principal Characteristics of Transport Logistics in China: Logistics operation of Air Transport; Logistics operation of Sea/ Inland waterway Transport; Logistics operation of Rail Transport; Logistics operation of Road Transport;

(b) Overview of China Trade and its impact on logistics; Commercial Transport Policy; Human Resource Management in China; Trading practice and related government organisations in China; Hong Kong/China co-operation; Future developments in China Trade.

(c) Customs ordinances and trade regulations; Legal framework for transport and logistics in China;

(d) Transport Economics. Demand and supply for freight transportation services, market structure and organization, government intervention, as well as strategic infrastructure investment in different Chinese transport sectors (air, rail, road, and sea/inland waterway);

Readings & References

Blauwens,Gust; Peter De Baere, Eddy van de Voorde (2006), Transport economics Antwerpen : De Boeck.

China freight transport report [electronic resource] / Business Monitor International London : Business Monitor International.

Anming Zhang et al. (2004), *Air cargo in mainland China and Hong Kong* / Anming Zhang ... [et al.]. Aldershot, England : Ashgate, c2004.

.Hirst, Mike., (2008), *The air transport system*, Cambridge, England : Woodhead Pub.

Ports, cities, and global supply chains, Edited by James Wang et al., Aldershot, England : Ashgate, 2007.

中国物流学术前沿报告(2005-2006) / 中国物流与采购联合会, 北京市 : 中国物资出版社, 2006

中国物流百强案例 / 牛鱼龙主编重庆市 : 重庆大学出版社, 2007

中國物流行業發展分析預測報告 [electronic resource] (2009)

中國海關 [electronic resource] 北京 : 中國學術期刊(光盤版)電子雜誌社

海关报关实务 [electronic resource], 谢国娥编著. 上海 : 华东理工大学出版社, 2004.

中国海关监管与征 [electronic resource] / 朱新瑞主编. 中国 : 中国海洋大学出版社, 2003.

Subject Code	LGT5014
Subject Title	Air Transport Logistics and Management
Credit Value	3
Pre-requisites	Nil
Exclusions	Nil
Teaching/Learning Approach	Lecture: 28 hours <u>Seminars / Tutorials: 14 hours</u> Total: 42 hours
Assessment	COURSEWORK: (Assignments) 50% EXAMINATION: 50%
Minimum Pass Grade	COURSEWORK: (Assignments) D EXAMINATION: D

Objectives

To provide students with an insight and understanding of the key issues and decisions involved in the logistics operation and management of air transport in a rapidly changing regulatory environment.

To provide students with an understanding of the dynamic nature of the airline industry. Students will gain knowledge of the external forces (economic, geographic, demographic, legal, political, environmental and technological), and the internal forces (micro-economic, competitive, operational and organisational) in the market. In addition, this course will help students to develop skills for applying various applied economics and management knowledge to the air transport and logistics industry.

Learning Outcomes

The aim of this subject is to meet the demand in air freight and air express industry for para-professionals. On successfully completing this subject, students will be able to:

1. Contribute to the solution of business related problems in commercial, industrial, government and non-profit making organisations;
2. To analyse market data and forecast the trend in different air transport and logistics markets.
3. Foster intellectual and personal development, self confidence and the ability to tackle problems without supervision;
4. Develop realism and practicality as a foundation for good business judgment;
5. Appreciate the air transport and logistics discipline which provides a good academic and vocational foundation for a career in students' field;
6. Present this discipline in an integrated form which reflects sound business practices;
7. Develop approaches to defining, analysing and solving problems, whether those problems are structured or unstructured;
Prepare for further studies in related field.

Keyword Syllabus

Current issues and future problems in air transport. The scheduled airline industry. Nature and determinants of airline demand. The changing regulatory environment for air transport. The air cargo industries. Air freight forwarding. The economics of air cargo. Intermodal issues for the air transport industry. Air logistics management. Airline Alliances - threats and opportunities for air cargo. Low cost airlines. Yield management in air transport.

Readings & References

Doganis, R (2002) *Flying Off Course: The Economics of International Airlines*, Routledge.

Hanlon, P (1999) *Global Airlines: Competition in a Transnational Industry*, Butterworth-Heinemann.

Kenneth Button and Roger Stough (2000), *Air transport networks : theory and policy implications*, Cheltenham, Northampton, Mass. : Edward Elgar Pub.

Morrel, P, and Pilon, R. (1999), *KLM and Northwest: a survey of the impact of a passengers alliance on cargo service characteristics*.

Oum, T, and Yu, C. (1998) *Winning Airlines: Productivity and cost competitiveness of the world's major airlines*, Kluwer Academic, Boston.

Oum, T.H., J. H. Park and A. Zhang (2000), *Globalization and Strategic Alliances: The Case of the Airline Industry*, Pergamon for Elsevier Science.

Wells, A (2004) *Air Transportation : A Management Perspective*, Wadsworth, California, 5th edition.

Richard de Neufville and Amedeo Odoni (2003), *Airport Systems: Planning, Design, and Management*, McGraw-Hill.

Journals

Air Cargo News

Airline Business

Aviation Strategy

Flight International

Aviation Economics

Journal of Air Transport Management

Journal of Air Transport World Wide

Subject Code	LGT5015
Subject Title	Supply Chain Management
Credit Value	3
Pre-requisites	Nil
Exclusions	Nil
Teaching/Learning Approach	
	Lecture 28 hours
	Seminars/Tutorials <u>14 hours</u>
	Total 42 hours
Assessment	
	Coursework* 60%
	Examination 40%

*Coursework may include case studies, group projects, and individual assignments

Minimum Pass Grade	
	Coursework D
	Examination D

Objective

This course discusses the concepts, theory, models, tools, and the best practices of modern supply chain management to help students

- understand the strategic importance of SCM in improving a firm's competitive position in the marketplace;
- understand the key characteristics of successful supply chains and how they differ from the traditional approaches;
- gain insights into issues involved in the design, planning, and deployment of a supply chain;
- understand the impact of SCM principle on a firm's overall strategy, in particular, the impact on a firm's marketing strategy;
- understand the importance of information technologies in the integration of supply chains;
- develop fundamental skills for analyzing and managing a supply chain in an organization.

Learning Outcomes

Upon completion of this course, students will be able to:

- evaluate the impact of supply chain and logistics activities on the financial performance of a firm
- identify and assess the inter-actions of inventory, time, information, and financial factors in a supply chain context
- recognize and understand some basic modelling approaches for supply chain design and optimization
- recognize and understand the importance of the multi-organizational nature of supply chain management

Indicative Content

- Logistics, supply chain, and competitive advantages
- The role of inventory in supply chains and basic methodologies for inventory management
- Uncertainty and risk, and how to deal with them through good inventory management approaches
- Value of information and information sharing in supply chains
- Distribution strategies
- Supply chain coordination and strategic alliance
- Procurement and outsourcing
- Supply chain integration

Indicative Reading

Simchi-Levi, Kaminsky and Simchi-Levi, *Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies*, 3rd Edition, McGraw-Hill, 2007.

Martin Christopher, *Logistics and Supply Chain Management*, 3rd Edition, Prentice Hall, 2005.
Handout reading materials

Subject Code	LGT5017
Subject Title	Maritime Logistics
Credit Value	3
Pre-requisites	Nil
Exclusions	Nil
Teaching/Learning Approach	Lecture: 28 hours <u>Seminars / Tutorials: 14 hours</u> Total: 42 hours
Assessment	COURSEWORK: (Mini-project) 50% EXAMINATION: 50%
Minimum Pass Grade	COURSEWORK: (Mini-project) D EXAMINATION: D

Objectives

The aim of this unit is to provide students with a full understanding of current developments in maritime transport logistics, and to enable them to identify and solve problems related to maritime transport logistics in the context of international shipping.

Learning Outcomes

This subject is designed to provide professional study of the management of maritime logistics with respect to the international maritime business environment. At the successful completion of this subject, students are expected to:

1. Demonstrate relevant professional knowledge and understanding of maritime logistics, the international maritime environment in which they operate and how they are managed.
2. Understand and respond to current developments of the relevant political, economical, social and technological issues and their influences on the operations and management of maritime logistics.
3. Analyse and integrate the inter-relationships among the various components of subject matters in shipping logistics for effective problem solving.

Keyword Syllabus

International seaborne trade. Maritime transportation and cargoes. Break bulk and liquid bulk commodity logistics and services. LNG tankers and business. Maritime transport terminals design and operations. Port and carrier selection. Third party shipping management. Materials handling and packaging for maritime transport. Environmental issues and international regulations on environmental protection in maritime logistics. Regulating regimes in international shipping. Issues in liner shipping. Transshipment hub, logistical networks and feeder concepts. Logistics of empty containers. Single and multi-country consolidations. Management of intermodal transport. Technologies in shipping logistics and maritime business. Customs and excise. Maritime security issues and technology.

Readings & References

Brodie, Peter (2006) *Commercial Shipping Handbook*. LLP

Container terminals and automated transport systems : logistics control issues and quantitative decision support / Hans-Otto Günther, Kap Hwan Kim, editors. Berlin : Springer-Verlag, 2005.

Stopford, Martin (2009) *Maritime Economics*, Abingdon ; New York : Routledge,

House, D.J., *Cargo work for maritime operations*; Oxford ; Boston : Elsevier/Butterworth-Heinemann, 2005; 7th ed.

[McNicholas, Michael \(2008\)](#), *Maritime security : an introduction*, Burlington, Mass. : Butterworth-Heinemann.

Pozdnakova, Alla (2008), *Liner shipping and EU competition law*, Wolters Kluwer.

LNG operational practice. Seamanship Intl. Ltd., 2006.

LNG operations in port areas : recommendations for management of operational risk attaching to liquefied gas tanker and terminal operations in port areas. London : Witherby, c2003

The Drewry annual LNG shipping market review and forecast 2004/05 [electronic resource] London : Drewry Shipping Consultants Ltd., 2005

MARPOL 73/78 : articles, protocols, annexes, unified interpretations of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto. London : IMO, 2002.

Render, Barry (2006) *Quantitative Analysis for Management* Prentice Hall

Handbook of container shipping management, Vol.2: management issues in container shipping, Editors: Christel Heideloff, Thomas Pawlik, Bremen 2008.

Journals

Maritime Economics and Logistics Journal.
Fairplay- The International Shipping Weekly.

Subject Code	LGT5032
Subject Title	Strategic Procurement Management
Credit Value	3
Pre-requisites	Nil
Exclusions	Nil
Teaching/Learning Approach	Lecture: 28 hours <u>Seminars / Tutorials: 14 hours</u> Total: 42 hours
Assessment	COURSEWORK: 50% EXAMINATION: 50%
Minimum Pass Grade	COURSEWORK: D EXAMINATION: D

Objectives

To ensure that students fully comprehend how procurement and supply as a key strategic business competence can impact directly on the competitive position and operational efficiency of organisations.

To enable students to understand the wider economic drivers on business and the importance of the structures of the supply and value chains in which the organisation operates and the power regimes that determine the strategic options available to them.

To establish awareness of a range of perspectives of strategic procurement management, and the importance of managers having knowledge of the range of tools available for strategic analysis and decision-making and supply chain circumstances, and the ability to understand the most appropriate tools to use in certain contingent circumstances.

Learning Outcomes

1. Develop procurement and supply as a key strategic business competence in an organisation.
2. Understand and manipulate the economic drivers in the supply and value chain for the benefits of an organisation.
3. Apply appropriate strategic procurement tools in contingent circumstances.

Keyword Syllabus

Explore ways of thinking about procurement and supply chain management from a strategic perspective and the linkages among business strategy, procurement, and supply competence. Consider theories of the firm including transaction costs, asset specificity, organisational competence, business and supply management, and identify the economic drivers of business success. Examine the concepts of power and leverage and how they contribute to effective strategic and operational management of supply chains through understanding the unique structures of supply chains and the power structures embedded in them. Study the contractual and relational governances for managing buyer-supplier relationships as well as the cultural issues involved. Critically look at the methodological strengths and weaknesses in established strategic business and supply chain thinking. Identify the opportunities available to firms and public bodies, through flexible strategies, to reduce costs and add value and quality improvements to existing business processes. Consider a wide range of strategic and operational procurement and supply chain tools and techniques and understand their appropriate applications in contingent circumstances of particular supply and value chains and power regimes.

Readings & References

Cousins, P. (2008) *Strategic supply management: principles, theories and practices*, Prentice Hall/ Financial Times, Harlow, England.

Cox, A., Sanderson, J. and Watson, G. (2000), *Power Regimes: Mapping the DNA of Business and Supply Chain Relationships*, Earlsgate Press.

Cousins, P. (2008), *Strategic supply management: principles, theories and practice*, Prentice-Hall.

Erridge, A., Fee, R. and McIlroy, J. (Eds.) (2001), *Best practice procurement: Public and private sector perspectives*, Gower

Lamming, R. and Cox, A. (1999), *Strategic procurement management*, Earlsgate Press.

Luo, Y. (2007) *Guanxi and business*, Second Edition, World Scientific, Singapore.

Masahiko, A., Gustafsson, B. and Williamson, O. (1990), *The firm as a nexus of treaties*, Sage.

Porter, M. (1985), *Competitive Advantage*, Free Press.

Saunders, M. (1997), *Strategic purchasing and supply chain management*, Prentice Hall.

Williamson, O. (1975), *Markets and hierarchies: Analysis and anti-trust implications*, Free Press.

Williamson, O. (1985), *The economic institutions of capitalism: Firms, markets, relational contracting*, Free Press.

Subject Code	:	LGT5033
Subject Title	:	Lean Thinking and Practice
Credits	:	3
Status	:	Compulsory
Hours Assigned	:	Lectures 28 Seminars 14 Total 42
Pre-Requisites	:	Nil
Co-Requisites	:	Nil
Methods Of Assessment	:	COURSEWORK: 50% EXAMINATION: 50%
Minimum Pass Grade	:	COURSEWORK: D EXAMINATION: D

Objectives

- To provide students with a strategic overview of lean thinking philosophy and concepts.
- To enable the students to critically review the principles of lean thinking
- To introduce students to the tools and techniques involved in identifying opportunities for 'leaning' operations and supply chain management activities in order to enhance competitive advantage.

Learning Outcomes

- Able to apply lean thinking to eliminate wastes and lower costs in an organization.
- Able to select and adopt appropriate lean practice, such as value stream mapping and JIT, etc. to improve operational efficiency.
- Able to integrate the principles and techniques of lean thinking to carry out efficiency improvement projects.

Outline Syllabus

Understand the underlying lean philosophy and the concepts of lean thinking including lean enterprise, lean production and lean supply. Explore the principles of lean operations. Understand the relevance of waste and value through value stream and supply chain mapping. Consider the importance of transparency in processes, relationships and costs for identifying and removing waste in supply chains. Examine the relationships between cost, quality, delivery, innovation, agility and flexibility in business management. Understand demand management and scheduling for products and services, as well as approaches to continuous improvement using different lean thinking tools. Look at the impact on supplier relations in the lean and agile environments particularly the development of supplier networks and associations. Critically consider the challenges to lean thinking.

Indicative Reading List :

Womack,J./Jones,D. (2003) *Lean Thinking: Banish Waste And Create Wealth In Your Corporation*, New York, Simon and Schuster.

Rich,N./Bateman,N./Esain,A./Massey,L. (2006) *Lean Evolution: Lessons from the Workplace*, Cambridge.

Rother, M/Shook, J. (1999) *Learning to See: Value Stream Mapping to Add Value and Eliminate MUDA*, Lean Enterprise Institute.

Tapping,D./Shuker,T. (2003) *Value Stream Management for the Lean Office*, Productivity Press.

Lamming,R. (1996) Squaring lean supply with supply chain management, *International Journal of Operations and Production Management*, 16 (2)

Hines,P./Lamming,R./Jones,D./Cousins,P./Rich,N. (2000) *Value stream management: strategy and excellence in the supply chain*, Harlow, Financial Times Prentice Hall

Lamming,R. (1993) *Beyond partnership: strategies for innovation and lean supply*, Hemel Hempstead, Prentice Hall

Womack,J./Jones,D./Roos,D. (1990) *The machine that changed the world*, New York, Rawson Associates

Womack,J./Jones,D. (1994) From lean production to lean enterprise, *Harvard Business Review*, March-April

Cox,A./Hines,P. (1997) *Advanced supply management: the best practice debate*, Boston, U.K., Earlsgate Press

Dimancescu,D./Hines,P./Rich,N. (1997) *The lean enterprise: designing and managing strategic processes for customer-winning performance*, New York, AMACOM

Subject Code	LGT 5034	
Subject Title	Global Sourcing and Supply	
Credit Value	3	
Pre-Requisites	Nil	
Co-Requisites	Nil	
Hours Assigned	Lectures	28
	Seminars	14
Assessment	Coursework:	50%
	Examination:	50%
Minimum Pass Grade	Coursework:	D
	Examination:	D

Objectives

This subject examines global sourcing decisions and development of supply network of firms in their integration of international value chains in changing business environments.

Learning Outcomes

At the end of the course, students should be able to:

1. outline the internationalization strategies of firms in changing global business environments
2. examine international purchasing decisions and development stages of global sourcing
3. evaluate global sourcing functions in context of integrated international value chains
4. develop global sourcing organization and strategies for effective supply chain management

Teaching and Learning approach

Lectures are used to introduce to students the concept, theory and applications of the topics. Students need to participate in class in discussing selected topics / cases in detail and exploring context-specific issues. They will also be guided to search new information on the topics.

Outline Syllabus

- Global business environments and internationalization strategies of firms
- Role of government, regional economies and business-government relationships
- International competitiveness of firms, industries and nations
- Development of global supply chains and sourcing strategies of firms
- International purchasing and outsourcing
- Foreign exchange risks in international business
- International R & D and business network development
- Supplier development in foreign markets
- Distribution and logistics for global supply
- Integration of international value-chain functions
- Structural and cultural control in global business
- Global sourcing for effective supply chain management

Main Reference Books :

1. Branch, A.E. (2009), *Global Supply Chain Management and International Logistics*, Routledge.
2. Cheng, L.K. and Kierzkowski, H. (Eds) (2001), *Global Production and Trade in East Asia*, Kluwer.
3. Daniels, J.D., Radebaugh, L.H. and Sullivan, D.P. (2009), *International Business*, Pearson.
4. Dicken, P. (2007), *Global Shift: Mapping the Changing Contours of the World Economy*, Guilford Press..
5. Kerkhoff, G. (2006), *Global Sourcing: Opportunities for the Future China, India, Eastern Europe: How to Benefit from the Potential of International Procurement*, Wiley-VCH.
6. Kotabe, M. and Helsen, K. (2008), *Global Marketing Management*, Wiley.
7. Kotabe, M. and Mol, M.J. (Eds.) (2006), *Global Supply Chain Management, Vol.1 and Vol.2*, Edward Elgar.
8. Yusuf, S., Altaf, M.A. and Nabeshima, K (Eds.) (2004), *Global Production Networking and Technological Change in East Asia*, The World Bank.

Main Reference Journals

Columbia Journal of World Business
Harvard Business Review
Industrial Marketing Management
Journal of International Business Studies
Journal of Operations Management
Journal of Supply Chain Management
Journal of World Business
Long Range Planning

Subject Code	LGT5037
Subject Title	Project Management
Credit Value	3
Pre-requisites	Nil
Exclusions	Nil
Teaching/Learning Approach	Lecture: 28 hours <u>Seminars / Tutorials: 14 hours</u> Total: 42 hours
Assessment	COURSEWORK : 50% EXAMINATION: 50%
Minimum Pass Grade	COURSEWORK : D EXAMINATION: D

Objectives

To provide the students a comprehensive overview and the fundamental concepts of project management, and an understanding on how project management can be used as a strategic tool to deliver business performance for organizations.

To provide the students key components of project management, and practical methodologies in managing projects of different natures.

Learning Outcomes

1. Understand modern project management
2. Apply project management methodologies and techniques in enhancing business performance for organisations.
3. Manage projects of different natures with sound judgement and skills.

Keyword Syllabus

Modern project management and trends; project teams and organizational relationship; effective project communication; stakeholder analysis; project selection; project portfolio evaluation; definition and characteristics of a project; project success criteria; project management trade off; project charter; project life cycle; project plan; project scheduling; project budgeting; monitoring and progress control; risk management; project network; Work Breakdown Structure (WBS); PERT and Gantt charts; critical path analysis techniques (CPM); theory of constraint and critical chain method; resource management; cost management; contract management; project management software tools; change management; performance measurement; project closeout and project audit; management information and reporting; multiple project management.

Readings & References

Klastorin, T. (2004), *Project Management, Tools and Trade-offs*. John Wiley & Sons, Inc.

Goldratt, E.M. (1997), *Critical Chain*. The North River Press, Great Barrington, MA, USA.

Stevenson, N. (2004), *Microsoft Project 2003 for Dummies*. Wiley.

Gray, C.F. and Larson, E.W. (2006), *Project Management: the Managerial Process*. McGraw-Hill.

Meredith, J.R. and Mantel, S. (2006), *Project Management: a Managerial Approach*. John Wiley & Sons, Inc.

Thomke, S. (2007), *Managing Product and Service Development: Text and Cases*. McGraw-Hill.

Lister, A. (2005), *Project Planning and Control*. Elsevier Ltd.

PMI. (2004), *A Guide to the Project Management Body of Knowledge (PMBOK Guide)*. Newton Square, PA, USA.

Subject Code	LGT5040
Subject Title	Supplier Development
Credits :	3
Status :	Elective
Hours Assigned :	Lectures 28 <u>Seminars 14</u> Total 42
Pre-Requisites :	Nil
Co-Requisites :	Nil
Methods Of Assessment:	COURSEWORK: 50% EXAMINATION: 50%
Minimum Pass Grade :	COURSEWORK: D EXAMINATION: D

Objectives

1. To ensure that students fully understand how suppliers can be involved in helping themselves and their customers to compete effectively in their supply chains.
2. To establish an awareness of the options, tools and techniques available for organisations to develop the capability of a supply base to meet current and future needs.
3. To ensure that students are able to consider the attributes of supplier relationship options, identify their particular features, and identify when and how the chosen relationship can best be established and subsequently managed to achieve the desired business objective.

Learning Outcomes

1. Realize the advantages of involving suppliers to become more competitive in the supply chain.
2. Able to make use of the tools available to develop a supply base for meeting operations and strategic needs.
3. Able to select the most appropriate suppliers under different settings, and to determine the necessary type of relationships to be developed.

Outline Syllabus

Understand the need to have a competitive global supply base to provide competitive advantage and operational sustainability. Examine the options, tools and techniques available for determining the size and structure of the supply base for each category of purchase requirement, identifying potential suppliers, deriving the criteria of ideal suppliers and determining the fit for purpose relationships and relational strategies. Identifying the most appropriate supplier development strategy dependent upon whether the relationship is collaborative or arm's-length and the certainty of transactions. Look at tools and techniques used in supplier development that encourage cooperation for mutual advantage and success. Consider options to achieve continuous quality improvement and to put in place appropriate performance management systems that recognise and incentivise performance and the sharing of technological improvements and innovation in products and processes.

Indicative Reading List

Monczka,R.M./Handfield,R.B./Giunipero,L.C. (2009) Purchasing and Supply Chain Management, South-Western, Mason, OH.

Cousins,P./Lamming,R./Lawson,B./Squire,B. (2008) Strategic Supply Management: Principles, Theories and Practice, Prentice Hall.

Hines,P. (1994) Creating World Class Suppliers: Unlocking Mutual Competitive Advantage, London, Pitman Publishing

Macbeth,D./Ferguson,N. (1994) Partnership Sourcing: An Integrated Supply Chain Approach, London, Pitman Publishing.

Hines,P./Rich,N./Esain,A. (1998) Creating a lean supplier network: a distribution industry case, European Journal of Purchasing and Supply Management

Imai,K. (1986) Kaizen, New York, McGraw-Hill.

Cousins,P. (1999) Supply base rationalisation: Myth or reality, European Journal of Purchasing and Supply Management Vol.5

Lamming,R. (1993) Beyond Partnership: Strategies for Innovation and Lean Supply, New York, Prentice Hall

Sako, M. (1992) Prices, Quality and Trust: Inter-firm Relations in Britain and Japan, Cambridge, Cambridge University Press

Watts,C./Hahn,C. (1993) Supplier development programmes: An empiric analysis, International Journal of Purchasing and Supply Management, Vol.29, (2)

Bensaou,B. (1999) Portfolios of buyer-supplier relationships, Sloan Management Review, 40 (4)

Subject Code	LGT5046
Subject Title	Contract Management
Credit Value	3
Pre-requisites	Nil
Exclusions	Nil
Teaching/Learning Approach	Lecture: 28 hours <u>Seminars / Tutorials: 14 hours</u> Total: 42 hours
Assessment	COURSEWORK : 50% EXAMINATION: 50%
Minimum Pass Grade	COURSEWORK : D EXAMINATION: D

Objectives

To equip students with the knowledge and understanding of the forms and management of contractual relationships, specific emphasis being placed on ways to realize purchasing objectives through legal contracting and negotiation.

Learning Outcomes

On successfully completing this subject, students will be able to:

1. understand and manage the contracts, from their negotiation and through conclusion of contract terms to discharge and, where required, resolution of disputes.
2. understand and manage sale of goods contracts and contracts for supply of services.

Keyword Syllabus

Legal aspects of contracting: legal framework for business, HK contract law, sale of goods contract, form contracts, purchasing objectives and the rights and obligations of buyers and sellers, realization of purchasing objectives through standard conditions of contracts, variations of contracts, protection against failure of contracts, supply of service contract, international contracts

Dispute resolution and relationship strategies, making and defending a claim, dispute resolutions

Reading List & References

Atiyah, P.S. (2001), *The Sale of Goods*, Longman

Buckley, P.J. and Michie, J. (1996), *Firms, Organizations and Contracts: A Reader in Industrial Organization*, OUP

Cavinato, J.L. and Kauffman, R.G. (2000), *The Purchasing Handbook*, McGraw Hill

Christou, Richard (2007), *Sale and Supply of Goods and Services*, London: Sweet&Maxwell

Fuller, G. (2001), *Purchasing Contracts*, Chandos Publishing

Guest, A.G. (Gen Ed) (2006), *Benjamin's Sale of Goods*, Sweet & Maxwell

National Association of Purchasing Management (2001), *Contract Terms and Conditions*, NAPM

Philpott, F. (1994), *Sale of Goods Litigation*, Longman

Stott, V. (2001), *An Introduction to Hong Kong Business Law*, Longman HK Education

The Chartered Institute of Purchasing and Supply (2002), *Project and Contract Management*, CIPS

Wong, E. (ed.) (2003), *Butterworths Hong Kong Contract Law Handbook*, Butterworths

Hong Kong Legislations

Control of Exemption Clauses Ordinance (Cap 71)

Misrepresentation Ordinance (Cap 284)

Sale of Goods Ordinance (Cap 26)

Supply of Services (Implied Terms) Ordinance (Cap 457)

Unconscionable Contracts Ordinance (Cap 458)

Subject Code	LGT5061	
Subject Title	International Logistics Management	
Credits	3	
Status	Core	
Hours Assigned	Lectures / Seminars	42 hours
Pre-Requisites	Nil	
Co-Requisites	Nil	
Exclusions	Transportation and Logistics (CSE564) International Logistics Systems, Operations and Management (LGT 5002)	
Methods of Assessment	COURSEWORK: 50% EXAMINATION: 50%	

Coursework may include case studies and group projects.

Minimum Pass Grade	COURSEWORK: D EXAMINATION: D
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Objectives

This subject aims to provide students with an understanding of the growing importance of international logistics management in the global supply chain. It provides students with an accessible overview of logistics in international settings and a fundamental knowledge of how application of international logistics management principles can help firms achieve cost and service advantages in the global marketplace.

Learning Outcomes

Understand the different elements of international logistics management;

Learn the theories of international trade and their applications for international logistics management;

Recognize the importance of international logistics management on firm performance;

Acquire the analytical skills for managing international logistics activities;

Understand how the elements of international logistics management should be organized to deliver cost and service advantages for firms;

Study the issues for effective planning, control and monitoring of logistics management in international context.

Outline Syllabus

Concepts and theories of international trade; International logistics environment; International logistics and competitiveness; International logistics and the roles of Hong Kong; Information management for international logistics; Globalization and the opportunities for logistics; International trade theories and practices; Logistics customer services; Intermodal transportation systems; International shipping operations and documentation; Shipping markets, Shipping costs and freight rates; Container transport chain, Air transport; Trading terms and practices; International purchasing and supply; Analysis of international opportunities; Warehousing; Logistics security issues; Environmental issues in the logistics chain; Performance evaluation in international logistics; Quality management for logistics management; Future direction in international logistics management.

Indicative Reading List

Recommended textbooks

Hill, C. (2009) *Global Business Today*, McGraw-Hill, New York. (ISBN 007-253789-2)

Lai, K. H. and Cheng, T. C. E. (2009) *Just-in-Time Logistics*, Gower Publishing, UK. (ISBN 978-0-566-08900-8)

Lun, Y. H. V., Lai, K. H. and Cheng, T. C. E. (2009) *Container Transport Management, Shipping and Transport Logistics Book Series*, Inderscience, Geneva, Switzerland. (ISBN 0-907776-40-X)

Lun, Y. H. V. and Lai, K. H. (2010) *Shipping and Logistics Management*, Springer, UK. (ISBN-978-1-84882-996-1)

Subject Code	LGT5101
Subject Title	Statistics for Management
Credit Value	3
Prerequisites	Nil
Exclusions	Nil

Teaching/Learning Approach

Concepts and techniques will be introduced through lectures. Students are required to apply the knowledge and skills to solve various applied statistical problems in the form of exercise and case study. The use of relevant computer package will be encouraged.

Assessment

Continuous Assessment	50%
Examination	50%

Minimum Pass Grade

Continuous Assessment	D
Examination	D

Objectives

1. To introduce students to statistics as a tool for data preparation and analysis.
2. To impart on students the concepts, theories and techniques of a variety of statistical methods.
3. To develop students' ability and confidence in the use of statistics for preparing and analysing data to support management decision making.

Learning Outcomes

- Able to use statistics for preparing and analyzing data to support management decision making
- Understand the concepts, theories and techniques of a variety of managerial statistics

Keyword Syllabus

Data Representation

Frequency distribution; histogram; stem and leaf display; other graphical methods.

Statistical Measures

Measures of central tendency; measures of variability; measures of shape.

Probability Concepts

Sample space; simple and compound events; probability laws; Bayes' theorem; random variables.

Statistical Distributions

Binomial; Poisson; Normal and other distributions and their characteristics.

Sampling Theory

Sampling distributions; central limit theorem.

Estimation

Point and interval estimates; confidence intervals; significance level.

Tests of Hypothesis

Null and alternative hypotheses; sample size; type I and type II errors.

Linear Regression and Correlation

Least squares method; coefficient of correlation.

Multiple Regression

Applications of multiple regression equation; inferences about parameters.

Time Series

Time series analysis; exponential smoothing; measurement of error

Reading List & References

Books

Levine, D.M., Berenson, M.L. & Stephan, D., *Statistics for Managers Using Microsoft Excel*, 3rd edition, Prentice-Hall, 2008.

McClave, J. T., Benson, P. G. and Sincich, T., *Statistics for Business and Economics*, Prentice Hall, 2008.

Selected Articles

Cheng, T.C.E. and Boom, H.J., 'Correlation Study on Job Satisfaction of Personal Secretaries in Hong Kong', *Asia Pacific International Management Forum*, Vol.16, pp. 21-35, 1990.

Cheng, T.C.E., Lo, Y.K. and Ma, K.W., 'Forecasting Stock Price Index by Multiple Regression', *Managerial Finance*, Vol.16, pp.27-31, 1990.

Fildes, R. and Hastings, R., 'The Organization and Improvement of Market Forecasting', *Journal of Operational Research Society*, Vol.45, pp.1-16, 1994.

Journals

Journal of the American Statistical Association

Journal of the Royal Statistical Society

The Statistician

Subject Code	LGT5102
Subject Title	Models for Decision Making
Credit Value	3
Prerequisites	Nil
Exclusions	Deterministic Operations Research (MGT532)

Teaching/Learning Approach

Contact hours: 42

Concepts and techniques will be introduced through lectures. Students are required to apply the knowledge and skills to analyse and solve various realistic management science problems in the form of case study. The use of relevant computer package will be encouraged.

Assessment

Continuous Assessment	50%
Examination	50%

Minimum Pass Grade

Continuous Assessment	D
Examination	D

Objectives

1. To introduce students to the methodology of management science as a scientific approach to managerial decision making.
2. To impart on students the concepts, theories and techniques of a variety of management science methods.
3. To develop students' ability and confidence in the use of management science methods for solving management decision problems.

Learning Outcomes

1. understand the methodology of management science as a scientific approach to managerial decision making.
2. understand the concepts, theories and techniques of a variety of management science methods.
3. develop the ability and confidence in the use of management science methods for solving management decision problems.

Keyword Syllabus

Introduction

Management science methodology; problem solving approaches: analytic solutions, algorithms and heuristics.

Linear Programming

Formulation; graphical solution; simplex algorithm; sensitivity analysis; applications.

Transportation and Assignment Problems

Modified simplex method; Hungarian method.

Goal Programming

Model formulations; minimising weighted sum of under and overages; pre-emptive goals; applications.

Integer Programming

Formulation; Branch and Bound method; applications.

Network Models

Minimum spanning tree problems; shortest path problems; network flow problems.

Dynamic Programming

Resource allocation problems; inventory problems; formulation; applications.

Case Study

Application of management science models in real-life managerial decision making.

Reading List & References

Anderson, D.R., Sweeney, D.J. and Williams, T.A., *An Introduction to Management Science: Quantitative Approaches to Decision Making*, latest ed., West Publishing Company.

Assad, A.A., Wasil, E.A. and Lilien, G.L., *Excellence in Management Science Practice*, Eaglewood, Prentice-Hall, latest ed.

Hillier, F.S. and Liebermann, G.J., *Introduction to Operations Research*, latest ed., McGraw-Hill.

Lapin, L.L., *Quantitative Methods for Business Decisions with Cases*, latest ed., Dryden.

Ravindran, A., Phillips, D.T. and Solberg, J.J., *Operations Research: principles and practice*, latest ed., John Wiley & Sons.

Render, B., Stair, R.M.Jr. and Greenberg, I., *Cases and Readings in Management Science*, latest ed., Allyn and Bacon.

Shogan, A.W., *Management Science*, Prentice-Hall, latest ed..

Taha, H.A., *Introduction to Operations Research*, latest ed., New York, Macmillan.

Winston, W.L., *Operations Research: Algorithms and Applications*, latest ed., Duxbury Press.

Journals

Asia Pacific Journal of Operational Research
Decision Sciences
European Journal of Operational Research
IIE Transactions
Interfaces
Journal of the Operational Research Society
Management Science
Naval Research Logistics
Omega - International Journal of Management Science
Operations Research
OR Insight
OR/MS Today

Subject Code	LGT5105
Subject Title	Managing Operations Systems
Credit Value	3
Hours Assigned	Lectures 28 Tutorial 14 Total 42
Prerequisites/Co-requisites	Nil
Exclusions	Nil

Methods of Assessment

Coursework	50%
Examination	50%

Minimum Pass Grade

Coursework	D
Examination	D

Objective

This module introduces students to both the philosophy and the techniques of operations management. Students will understand the basic concepts and basic tools in operations management, and become familiar with the scientific methods used in daily management.

Learning Outcomes

1. understand the terminology of operations management.
2. understand basic concepts of various areas of operations management.
3. build up basic quantitative models that are used for decision-making in operations management, including assumptions and limitations of the models.

Keyword Syllabus

Introduction to Operations System

The concepts, the operations functions and its relation with other business functions.

Quality Management and Quality Control

Total quality management; quality measurement; quality cost; quality inspection; statistical quality control.

Business Process Design and Reengineering

Process concept; process design method; process effectiveness and efficiency; business process reengineering.

Forecasting

Objective of forecasting; logic of forecasting; qualitative and quantitative methods for forecasting; measurement and monitoring of forecasting systems.

Capacity Planning

Strategic capacity planning; equipment management; concept of total cost of ownership; volume analysis; breakeven models; decision tree analysis.

Facility Location and Layout

Factors affecting location decisions; methods for analysing location problems; facility layout problems and decision analysis in manufacturing and service sectors.

Inventory Management

Functions and costs of inventory management; ABC analysis; economic ordering quantity model; vendor managed inventory system; inventory replenishment systems.

Just-in-Time Systems

Philosophy and concept of JIT systems; pulling versus pushing production system; JIT in service industry.

Supply Chain Management

Concept of supply chain management; information coordination; cost and benefit of postponement; quick response; worldwide sourcing.

Project Management

Project and its working team; project break down; Gantt charts; project time and cost; critical tasks in projects.

Reading List & References

Books

Jacobs F.R., Chase, R.B. and Aquilano, N.J., *Operations & Supply Chain*, latest ed., McGraw Hill.

Cheng, T.C.E. and Podolsky, S. (1996), *Just-in-time manufacturing: An introduction*, Chapman & Hall.

Davis M.M., Aquilano N.J. and Chase R.B., *Fundamentals of Operations Management*, latest ed., McGraw Hill.

Heyl, J. E., Bushnell, J.L. and Stone, L.A. (1994), *Cases in operations management*, Addison-Wesley.

Johnston, R. (2003), *Cases in operations management*, Finance Times Prentice Hall.

Russell R.S. and Taylor B.W., *Operations Management*, latest ed., Prentice Hall.

Shafer, S.M. and Meredith, J.R. (1997), *Operations management*, Willy.

Stevenson W.J., *Operations Management*, latest ed., McGraw Hill.

Whybark, D.C. (1989), *International Operations management*, Irwin.

Journals

International Journal of Operations and Production Management

Journal of Operations Management

Management Science

Interfaces

Subject Code	LGT5107
Subject Title	Total Quality Management
Credit Value	3
Prerequisites	Nil
Exclusions	Principles of Total Quality Management (ITC575)

Teaching/Learning Approach

Contact hours: 42 hours

Concepts, theories and key issues based on the literature will be introduced to students through lectures. Case studies will be used to illustrate some application aspects and to stimulate discussions leading to context-specific knowledge. Students are required to apply the knowledge to analyse some contemporary issues in the field.

Assessment

Continuous Assessment	50%
Examination	50%

Minimum Pass Grade

Continuous Assessment	D
Examination	D

Objectives

1. To introduce students to a total quality management (TQM) framework that integrates quality of product, quality of process and quality of management.
2. To discuss in details the principles of TQM in both theories and practice.
3. To learn the major techniques in TQM adoption.
4. To learn applying TQM principles and techniques through a quality improvement project.

Learning Outcomes

- Able to apply TQM principles and techniques to improve organizational efficiency and effectiveness.
- Able to practice TQM to improve customer satisfaction and achieve different strategic organizational goals.

Keyword Syllabus

- The interfaces of quality of product, quality of process and quality of management
- Multiple concepts and dimensions of quality
- Technical and functional aspects of service quality
- Customer contribution to quality
- Quality Function Deployment methodology in product / service design
- Supplier quality audit and partnership sourcing
- Integration of statistical process control into a business system
- Quality performance measurement
- Quality Management System of ISO:9000
- Current issues on TQM.

Reading List & References

Books

Foster, S.T., *Managing Quality: Integrating The Supply Chain*, Pearson Education, 2006.

Besterfield, D.H., Besterfield-Michna, C., Besterfield, G.H. and Besterfield-Sacre, M., *Total Quality Management*, Prentice-Hall, 2003.

Cianfrani, C.A., Tsiakals, J.J. and West, J.E., *ISO9001:2000 Explained*, ASQ Quality Press, 2002.

Evans, J.R. and Lindsay, W.M., *The Management and Control of Quality*, South-Western, 2002.

Fedor, D.B. and Ghosh, S. (eds), *Advances in the Management of Organizational Quality*, JAI, 1999.

Goetsch, D.L. and Davis, S.B., *Quality Management: Introduction to Quality Management for Production, Processing and Services*, Prentice Hall, 2003.

Gryna, F.M. *Quality Planning and Analysis*, McGraw Hill, 2001.

Kano, N. (ed.), *Guide to TQM in Service Industries*, Asian Productivity Organization, 1996.

Organization for Economic Co-operation and Development, *Innovation and Productivity in Services*, OECD, 2001.

Rampersad, H.K., *Total Quality Management: An Executive Guide to Continuous Improvement*, Springer, 2001.

Zink, K.J., *Total Quality Management as a Holistic Management Concept*, Springer, 1998.

Journals

Asia-Pacific Journal of Quality Management

International Journal of Quality and Reliability Management

International Journal of Service Industry Management

Journal of Operations Management

Managing Service Quality

Total Quality Management & Business Excellence

Subject Code	LGT5108
Subject Title	Service Operations Management
Credit Value	3
Prerequisites	Deterministic operations research knowledge, such as linear programming, networks, dynamic programming, is a must. Stochastic modeling knowledge is a plus, but not compulsory.
Exclusions	Nil

Teaching/Learning Approach

Contact hours: 3 hours per week

This elective subject provides an opportunity for students trained in Operations Management to apply their knowledge in service organizations. The subject is heavily based on discussion, group work, cases, a variety of exercises and other materials. The basic knowledge necessary for these activities will be previewed during the first couple of weeks during the lectures. Students are expected to have the necessary background for this preview (please see the pre-requisite subject knowledge above). For the rest of the lectures, a student-centred, independent approach to learning will be adopted so that students accept some responsibility for their own learning.

Assessment

Continuous Assessment	100%
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Minimum Pass Grade

Continuous Assessment	D
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Objectives

This elective subject will look at the operations in a service organization and will consider decisions that managers have to make to increase profit. These decisions range from strategic (where to locate, what to sell, etc) to operational (how to schedule the workforce on a weekly basis, how to reduce the waiting time of the customers, etc.). This subject will emphasise realistic business projects by use of case studies. It will also provide a basis to discuss problems encountered in the organizations that students work in. In general, the subject is intended to enable students to better anticipate, recognise, analyse, and improve some of the more influential characteristics and decision making processes of service operations they are likely to encounter. Fundamental to these skills is the ability to observe and understand systems.

These objectives may be summarised as follows:

1. apply fundamental concepts of operations management to service operations;
2. analyse service operations to identify key processes, critical success factors, limitations and opportunities;
3. synthesise effective and achievable plans of action to maximise achievement of the organization's goals.

By the end of this elective subject, students will have:

1. developed their understanding of those aspects of management particularly important to service-providing as opposed to goods-producing organizations;
2. been encouraged to think analytically about services;
3. acquired a number of conceptual and empirical tools for enhancing the performance of service-providing organizations;
4. an understanding of the nature of service quality and how organizations might go about improving the quality of their service.

Apart from the main aim of the course, which is content-related, the course is also designed to give students an opportunity to practice and develop their skills in a number of important areas. These areas are report writing, presentation technique, teamwork, and the ability to communicate ideas clearly, logically and enthusiastically.

Learning Outcomes:

- Able to understand the nature of service operations
- Able to improve Service Operational efficiency by applying OM theories

Keyword Syllabus

Understanding Services

The role of services; service quality; service strategy.

Understanding Customers

Customer satisfaction; customer relationship management.

Designing the Service Enterprise

Design of the service process; supporting facility; service facility location; service encounter.

Managing Service Operations

Forecasting demand; managing waiting lines; capacity planning; managing facilitating goods; service supply chain management.

Toward World-Class Service

Growth and expansion.

Case Studies

Reading List & References

Books

Fitzsimmons, J.A. and M.J. Fitzsimmons, *Service Management: Operations, Strategy, and Information Technology*, 4th Edition, McGraw Hill, 2008.

Glynn, W.J. and J.G. Barnes, *Understanding Service Management*, John Wiley, 1995.

Haksever, C., B.Render, R.S. Russell and R.G. Murdick, *Service Management and Operations*, 2nd Edition, Prentice Hall, 2000.

Johnston, R. and G. Clark, *Service Operations Management*, Prentice Hall, 2001.

Schmenner, R.W., *Service Operations Management*, Prentice Hall, 1995.

Schroeder, R.G., *Operations Management: Decision Making in the Operations Function*, 4th edition, McGraw-Hill, 2007.

Journals

European Journal of Operational Research

Interfaces

Journal of the Operational Research Society

Management Science

Manufacturing and Service Operations Management

Operations Research

Subject Code	LGT5113
Subject Title	Enterprise Resource Planning
Credit Value	3
Prerequisites	Nil
Exclusions	Nil

Teaching/Learning Approach

Contact hours:	
Lectures	14 hrs
Tutorial/Seminar/Computer-based Workshop	28 hrs

Assessment

Continuous Assessment	50%
Examination	50%

Minimum Pass Grade

Continuous Assessment	D
Examination	D

Objectives

To enable students to:

1. understand the basic concepts and issues of ERP systems;
2. be able to discuss issues in the current IT environment for ERP systems; and
3. develop students' ability and confidence in planning and executing ERP projects.
4. be familiar with the basic usage of ERP systems

Learning Outcomes

- A grasp of basic concepts and issues of ERP systems
- A basic understanding of the adoption of ERP systems to enhance operational efficiency
- A basic understanding of ERP planning and implementation
- A grasp of basic functions and usages of ERP systems

Keyword Syllabus

Introduction to Enterprise Resource Planning (ERP). ERP market. Evolution of ERP.

Management with ERP: Structuring ERP Data, Sales and marketing management with ERP, Accounting and finance management with ERP, Material management with ERP, Production Planning with ERP

ERP and related technologies: Business Process Reengineering (BPR), Decision Support System (DSS), Executive Information System (EIS), Supply Chain Management (SCM), Customer Relationship Management (CRM).

ERP Life Cycle: Business rationales of ERP, Selection of ERP software packages and modules. ERP Design, Implementation, and after going live. Future direction in ERP.

Reading List & References

1. Monk, Ellen and Wagner, Bret J., *Concepts in Enterprise Resource Planning*, 3rd Edition, Course Technology Cengage Learning, 2009
2. O'Leary, Daniel E., *Enterprise Resource Planning Systems: Systems, Life cycle, Electronic Commerce, and Risk*, Cambridge University Press, 2000
3. Buck-Emden, R., *The SAP R/3 System, An Introduction to ERP and Business Software Technology*, Addison-Wesley, 2000.
4. Curran, T. A. Ladd, A., *Business Blueprint: Understanding Enterprise Supply Chain Management*, Prentice Hall, 2000.
5. Curran, T. A., Ladd, A. and Ladd, D., *SAP R/3, Reporting & eBusiness Intelligence*, Prentice Hall, 2000.
6. Norris G., Hurley, J., Hartley, K. Dunleavy, J. Balls, J., *E-Business and ERP: Transforming the Enterprise*, New York: John Wiley, 2000.
7. Wyzalek, J., *Enterprise Systems Integration*, Auerbach Publications, 2000.

Subject Code	LGT5131
Subject Title	Warehousing and Materials Management
Credits	: 3
Status	: Elective
Hours Assigned	: Lectures/ Seminars 42 hours
Pre-Requisites	: Nil
Exclusions	: Warehousing and Material Handling Systems (ISE512)

Methods Of Assessment: Coursework: 50%
Examination: 50%

Coursework may include mini projects.

Minimum Pass Grade : Coursework: D
Examination: D

Objectives

To provide students with the methods and tools necessary for the design and management of warehousing, materials handling systems, and inventory controls. In particular, this subject emphasizes aspects of logistics and supply chain management in warehousing, the handling of products, control of inventories. On completion students will be able to both analyse existing systems and recommend improvements.

Learning Outcome

1. Able to design and manage a warehouse, material handling systems and control the inventories.
2. Able to improve existing warehouse and inventory systems.

Outline Syllabus

Materials handling systems and their objectives: cost reduction, increased productive capacity and better working conditions. Types of handling equipment in manufacturing and warehousing: conveyors, cranes, hoists, and trucks. Their advantages and limitations. Automatic guided vehicles (AGV), Automatic storage and retrieval systems (AS/RS); Critical analysis and measuring the efficiency of existing systems. The unit load concept. Selection of the most appropriate equipment in particular situations. Integration with warehousing systems. Economic analysis of different systems. Planning, layout and design of different types of warehouses. Automation and IT systems in warehouses and materials handling computer systems: Case studies. Inventory planning and control. Advanced EOQ models and safety stock. Fixed order quantity inventory control. Fixed order cycle inventory control. Just-in-time scheduling.

Indicative Reading List

Wood, D.F., Wardlow, D.L., Murphy, P.R., Johnson, J.C. (2007) *Contemporary Logistics*, Prentice Hall, Upper Saddle River, N.J.

Frazelle, E. (2002) *World-Class Warehousing and Material Handling*, McGraw-Hill, Boston.

Render, B., Stair, R.M. Jr. (2009) *Quantitative Analysis for Management*, Prentice-Hall.

Francis, R.L., McGinnis, L., and White, J.A. (1992) *Facility Layout and Location: An analytical Approach*, Prentice-Hall, Englewood Cliffs, NJ.

Mulcahy, D. (1994) *Warehouse distribution & operations Handbook*, McGraw-Hill, Boston

Ackerman, K.B. (1997) *Practical Handbook of warehousing*, Chapman & Hall, New York

Muther, R., Wheeler, J.D. (1994) *Simplified Systematic Layout Planning, Management and Industrial Publication*, Kansas City, MO.

Sims R.E. (1992) *Material Handling Systems*, In *handbook of Industrial Engineering*, New York: John Wiley & Sons.

Subject Code	LGT5152
Subject Title	Information Systems for Supply Chain Management
Credit Value	3
Pre-requisites	Nil
Exclusions	Logistics Information Systems (ISE527)
Teaching/Learning Approach	Lectures/ Seminars/ Lab 42 hours
Assessment	COURSEWORK: 50% EXAMINATION: 50%
Minimum Pass Grade	COURSEWORK: D EXAMINATION: D

Objectives

The objective of this subject is to better prepare the student to meet the following challenges:

1. Understand the managerial issues concerning the integration of information systems and supply chain management.
2. Provide solutions to the issues which are relevant to the design, management and improvement of IT-enabled supply chain systems.
3. Exploit the inherent capabilities of operations, supply chain and information systems, and weave them into an integrated strategy capable of providing competitive advantage for the enterprise.

Learning Outcomes

1. To demonstrate a clear and relevant understanding of the definitions, importance, potential benefits, and structures of information technology and systems not only from a technical point of view, but also from organizational and management perspectives.
2. Being able to illustrate how the management of supply chains can be enhanced through the use of a number of information technologies and systems.
3. To put together the concepts and tools studied in class to develop best practices of information technology and systems in managing supply chains for real business.

Keyword Syllabus

- Information systems for global business
- Information technology infrastructure for supply chain management: hardware, software, network, and databases
- Strategic impact of information systems in supply chain management
- Key applications of information systems in supply chain management: IS for data capture and automatic identification (RFID, EDI), IS for operational efficiency (Enterprise resource planning, supplier and customer management), IS for e-Commerce, IS for decision support, and IS for business intelligence
- Development of information systems for supply chain management: IS development process, and IS project management

Readings & References

1. Laudon, K.C., and Laudon, J.P., Management Information Systems : Managing the Digital Firm, 11th Edition, Pearson/Prentice Hall, 2009
2. Technology Forecast: 2002-2004, Volume 1 Navigating the Future of Software, PriceWaterhouseCoopers, 2002.
3. Handbook of Quantitative Supply Chain Analysis: Modeling in the E-Business Era (International Series in Operations Research & Management Science) by David Simchi-Levi (Editor), et al. 2004.
4. Managing the Supply Chain: The Definitive Guide for the Business Professional by David Simchi-Levi, et al., (2003).
5. Manufacturing planning and control systems for supply chain management : The Definitive Guide for Professionals by Thomas E Vollmann, et al, 2004.
6. New Directions in Supply-Chain Management: Technology, Strategy, and Implementation by Tonya Boone (Editor), Ram Ganeshan (Editor) 2002.
7. ERP:Making It Happen: The Implementers' Guide to Success with Enterprise Resource Planning by Thomas F. Wallace, Michael H. Kremzar, 2001.

Subject Code	LGT5211
Subject Title	GSCM Project
Credit Value	6
Pre-requisites	Nil
Exclusions	Practice of Global Supply Chain Management (LGT5215)
Teaching/Learning Approach	Guided study on research methodology, more on student-centred activities

Assessment

Coursework 100%

Minimum Pass Grade

Coursework D

Objectives

The objectives for the whole project subject are to:

1. Examine critically and in-depth a focused topic of interest arising, ideally, from the work done within the programme and/or in the student's employment and to make integrative linkages between classroom learning and work experience;
2. Demonstrate the use of relevant scientific and analytical methods and practical skills, including those acquired during the programme, in the treatment of the chosen topic;
3. Demonstrate an understanding of relevant research literature in the project topic area;
4. Demonstrate an ability to set the chosen topic in its wider context, to sustain an argument, and to present conclusions related to policies or practices.

Learning Outcomes

Students have to complete a project under the supervision of a supervisor. Students completing this subject will be able to:

1. Identify a research problem in real world and write research proposals.
2. Conduct literature review on issues related to the problem areas.
3. Apply appropriate research methodologies with sound academic rigor in data collection, analysis and interpretation of the research findings.
4. Deduce the solutions to the identified problems scientifically and understand the limitations.
5. Communicate the research results effectively.

Keyword Syllabus

Why do research? What is good research? Scientific thinking – styles of thinking, the thought process, the scientific attitude; What makes an investigation scientific? What can empirical research do? The necessity of knowing the purpose of research; The ethics of research; Qualitative and quantitative approaches; Variable, Parameter, Assumption, Theory, Model, Hypothesis, Ideal causal-study design; Case-study descriptive research; Classification research; Measurement and estimation; Comparison; Research trying to find relationships; Investigating cause and effect; Mapping structures; Evaluation research; Questionnaire design; Interview; Survey; Sampling methods; Some principles of measurement – reliability and validity; Data analysis and interpretation; Writing Scientific Reports: Research report components and structure; Presentation of statistics; Plagiarism.

Reading List & References

Cooper, D. And Schindler, P. (2006), *Business Research Methods* (9th ed.), McGraw-Hill, New York.

Jankowicz, A.D. (2005): *Business Research Projects* (4rd ed.), Business Press Thomson Learning, London.

Judd, C. M., Smith, E. R. and Kidder, L. H. (1991). *Research Methods in Social Relations* (6th ed.), Harcourt Brace Jovanovich, Fort Worth.

Lang, G. (1998), *A Practical Guide to Research Methods* (6th ed.), University Press of America, Lanham.

Nation, J. (1997), *Research Methods*, Prentice Hall, N.J.

Tewksbury, Richard (2006), *Research methods: a qualitative reader*, Pearson/Prentice Hall, 2006.

Subject Code	:	LGT5215
Subject Title	:	Practice of Global Supply Chain Management
Credits	:	3
Status	:	Elective
Pre-Requisites	:	LGT5015 Supply Chain Management
Exclusions	:	LGT5211 GSCM Project
Methods Of Assessment	:	COURSEWORK: 100%
Minimum Pass Grade	:	COURSEWORK: D

Objectives

To enable students to identify and solve global supply chain management related issues. Students are expected to collect and evaluate information from different sources, take theoretical knowledge and apply it in a real-life setting. The required skills include problem solving, organising and analysing, time management and presentation.

Learning Outcome

1. experience the process of conducting a study on a supply chain issue.
2. learned how to go through all the procedure, starting from clearly defining the objectives of a study, getting valid data, analyzing and preparing the final report.
3. learn about time management.

Outline Syllabus

Each student will complete a proposal and identify a suitable supervisor. The student will meet the supervisor frequently to discuss directions and report on progress. Towards the end of the project, the student will collate and analyse the data, and will write and submit a final report. There will also be an oral presentation on the work done.

Indicative Reading List

Jankowicz, A.D. (2000), *Business research projects*, Business Press Thomson Learning.
Lang, G. (1998), *A practical guide to research methods*, University Press of America.

Subject Code	MM544
Subject Title	E-Commerce
Credit Value	3
Level	5
Pre-requisite/ Co-requisite/ Exclusion	None
Role and Purposes	<p>The central goal of this course is to develop an integrative knowledge of the digital economy. It focuses on the information superhighway as the technological enabler that has dramatically changed the way in which companies orchestrate their value creation. This course, with a strategic perspective in mind, looks into the knowledge-enabled enterprises and the influence of electronic commerce in shaping the rules of modern business environments. From a managerial point of view, the course will delineate the skills and knowledge required in the digital world. Finally, this course also offers a technology perspective that touches upon the underlying IT mechanisms for electronic commerce.</p>
Subject Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none">comprehend the underlying economic mechanisms and driving forces of E-Commerce;understand the critical building blocks of E-Commerce and different types of prevailing business models employed by leading industrial leaders;appraise the opportunities and potential to apply and synthesize a variety of E-Commerce concepts and solutions to create business value for organizations, customers, and business partners;formulate E-Commerce strategies that lever firms' core competencies, facilitate organizational transformation, and foster innovation;undertake planning, organizing, and implementing of E-Commerce initiatives to effectively respond to of dynamic market environments.
Subject Synopsis/ Indicative Syllabus[#]	<ul style="list-style-type: none">• Introduction of e-Commerce• E-commerce Framework• B2C, B2B, C2C, G2C, G2B• E-commerce Supply Chain Management• Payment System, Internet Banking and Supporting Systems• E-Government• Mobile Commerce• Legal, ethical and societal issues of e-Commerce• E-commerce strategy• Social Media and e-Commerce

[#]The above syllabus may be modified and updated by each subject lecturer without prior notice.

Teaching/Learning Methodology

The course will use a variety of methods as its pedagogy to help students achieve the above learning outcomes. Each class will roughly take the following format:

1. General announcement and an opportunity for students to ask question to address any unfinished thoughts from the previous class;
2. Overview of the current class agenda and its relationships to past discussion;
3. Extended period of students- or instructor-lead discussion of the key issues in the assigned case or readings. Collaborative learning strategies (learning via discussion in a small group) may be employed during part of this time.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed					
		a.	b.	c.	d.	e.	
Continuous Assessment*	50%						
1. Attendance and class participation	15%	✓	✓	✓	✓	✓	
2. Individual assignment	15%	✓	✓	✓	✓	✓	
3. Group assignment	20%	✓	✓	✓	✓	✓	
Examination	50%	✓	✓	✓	✓	✓	
Total	100 %						

**Weighting of assessment methods/tasks in continuous assessment may be different, subject to each subject lecturer.*

To pass this subject, students are required to obtain Grade D or above in **both** the Continuous Assessment and Examination components.

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes: the various methods are designed to ensure that all students taking this subject to have a balanced learning experience.

Feedback is given to students immediately following the presentations and all students are invited to join this discussion.

Student Study Effort Required

Class contact:

- Lectures 42 Hrs.

Other student study effort:

- Preparation for lectures 42 Hrs.
- Preparation for assignment / group project and presentation / examination 84 Hrs.

Total student study effort 168 Hrs.

Reading List and References

Textbook

Turban, E., King, D., McKay, J., Marshall, P., Lee, J. and Viehland, D. (2008) *Electronic Commerce: A Managerial Perspective*, Upper Saddle River, New Jersey, Person Prentice Hall.

References

Chen, S. (2004) *Strategic Management of E-Business*, 2nd ed. Chichester, England: John Wiley & Sons.

Holden. (1999) *Starting an Online Business for Dummies*, IDG.

Kalakota & Robinson. (1999) *E-Business: Roadmap for Success*, Addison-Wesley.

Laudon, K. C. and Traver, C. G., (2006) *E-commerce: Business, Technology and Society*, Upper Saddle River, New Jersey, Person Prentice Hall.

Schneider, Gary P. & Perry, James T. (2000) *Electronic Commerce*, Thomson Learning.

Westland, Chris & Clark, Ted, (1999) *Global Electronic Commerce*, MIT Press.

Recent articles from Journal of Management Information Systems, Harvard Business Review, Internet Research, MIS Quarterly, Marketing Intelligence and Planning, Decision Support Systems, MIT Sloan Management Review, California Management Review, MISQ Executive, Academy of Management Perspectives, Long Range Planning, Gartner Research, Forrester Research, McKinsey Quarterly, and others.



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