MSc / PgD in International Shipping and Transport Logistics (Mixed-mode)

Definitive Programme Document

Programme Code: 44087

The Hong Kong Polytechnic University
香港理工大學

Department of Logistics & Maritime Studies
物流及航運學系

Faculty of Business
工商管理學院
Innovation-driven Education and Scholarship
Discover · Design · Deliver

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ISTL (Mixed-mode) Programme Web Page
http://www.lms.polyu.edu.hk/en

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

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FOREWORD

It is our pleasure to welcome you to the Master of Science/ Postgraduate Diploma in International Shipping and Transport Logistics programme offered by the Department of Logistics and Maritime Studies at The Hong Kong Polytechnic University.

This programme prepares graduates to meet the needs of the shipping and transport logistics profession. Successful completion of this programme will equip you with knowledge and skills that are useful for business organizations to create value and sustain competitiveness in the shipping and transport logistics 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. Andy Yeung
Head, Department of Logistics and Maritime Studies

The Hong Kong Polytechnic University

Revised Academic Calendar 2015-16 (by Semester Week)

Month	Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Sem. Week	Notes
Aug 2015	--	24	25	26	27	28	29	30	--	Aug. 31: Sem. 1 commences (13 teaching weeks: 31 Aug - 28 Nov 2015)
Sep	1	31	1	2	3	4	5	6	1	Aug. 31 - Sep. 12: Add/Drop Period for Sem. 1
	2	7	8	9	10	11	12	13	2	Sep. 3: The 70th anniversary day of the victory of the Chinese people's war of resistance against Japanese aggression
	3	14	15	16	17	18	19	20	3	
	4	21	22	23	24	25	26	27	4	Sep. 27: Mid-Autumn Festival (all evening classes suspended)
Oct	5	28	29	30	1	2	3	4	5	Sep. 28: The day following Mid-Autumn Festival / Oct. 1: National Day
	6	5	6	7	8	9	10	11	6	Oct. 10: PolyU Education Info Day (all day-time and evening classes suspended)
	7	12	13	14	15	16	17	18	7	
	8	19	20	21	22	23	24	25	8	Oct. 21: Ching Yeung Festival
Nov	9	26	27	28	29	30	31	1	9	Oct. 24: Twenty-first Congregation (First conferment session)
	10	2	3	4	5	6	7	8	10	
	11	9	10	11	12	13	14	15	11	Nov. 14: Twenty-first Congregation (Main conferment session, also last session)
	12	16	17	18	19	20	21	22	12	
	13	23	24	25	26	27	28	29	13	Nov. 28: Sem. 1 teaching ends
Dec	14	30	1	2	3	4	5	6	Exam.	Nov. 30 - Dec. 3: Revision Days for Sem. 1
	15	7	8	9	10	11	12	13	Exam.	Dec. 4 - 19: Examination Period for Sem. 1
	16	14	15	16	17	18	19	20	Exam.	
	17	21	22	23	24	25	26	27	) Exam.) Result) Processing	Dec. 25: Christmas Day / Dec. 26: The first weekday after Christmas Day
Jan 2016	18	28	29	30	31	1	2	3		Dec. 30: All subject assessment results finalised / Jan. 1: The First Day of January
	19	4	5	6	7	8	9	10		Jan. 8: Finalization of overall assessment results / Jan. 9: Announcement of Sem. 1 overall assessment results
	20	11	12	13	14	15	16	17	1	Jan. 11: Sem. 2 commences (13 teaching weeks: 11 Jan - 16 Apr 2016)
	21	18	19	20	21	22	23	24	2	Jan. 11 - 23: Add/Drop Period for Sem. 2
	22	25	26	27	28	29	30	31	3	
Feb	23	1	2	3	4	5	6	7	4	Feb. 7: Lunar New Year's Eve (all evening classes suspended)
	24	8	9	10	11	12	13	14	Lunar New Year Break	Feb. 8 - 10: Lunar New Year Holidays / Feb. 11 - 13: Lunar New Year Break (all day-time and evening classes suspended)
	25	15	16	17	18	19	20	21	5	
	26	22	23	24	25	26	27	28	6	
Mar	27	29	1	2	3	4	5	6	7	
	28	7	8	9	10	11	12	13	8	
	29	14	15	16	17	18	19	20	9	
	30	21	22	23	24	25	26	27	10	Mar. 25 - 28: Easter Holidays
Apr	31	28	29	30	31	1	2	3	11	
	32	4	5	6	7	8	9	10	12	Apr. 4: Ching Ming Festival
	33	11	12	13	14	15	16	17	13	Apr. 16: Sem. 2 teaching ends
	34	18	19	20	21	22	23	24	Exam.	Apr. 18 - 21: Revision Days for Sem. 2
May	35	25	26	27	28	29	30	1	Exam.	Apr. 22 - May 9: Examination Period for Sem. 2
	36	2	3	4	5	6	7	8	Exam.	May 2: The day following Labour Day
	37	9	10	11	12	13	14	15	) Exam. / Exam.) Result) Processing	May 14: The Buddha's Birthday
	38	16	17	18	19	20	21	22		May 18: All subject assessment results finalised
	39	23	24	25	26	27	28	29	1	May 23: Summer Term commences (7 teaching weeks: 23 May - 9 Jul 2016)
Jun	40	30	31	1	2	3	4	5	2	May 23 - 28: Add/Drop Period for Summer Term
	41	6	7	8	9	10	11	12	3	May 25: Finalization of overall assessment results
	42	13	14	15	16	17	18	19	4	May 26: Announcement of Sem. 2 overall assessment results
	43	20	21	22	23	24	25	26	5	Jun. 9: Tuen Ng Festival
Jul	44	27	28	29	30	1	2	3	6	Jul. 1: HKSAR Establishment Day
	45	4	5	6	7	8	9	10	7	Jul. 9: Summer Term teaching ends
	46	11	12	13	14	15	16	17	Exam.	Jul. 11 - 16: Examination Period for Summer Term
	47	18	19	20	21	22	23	24	) Exam.) Result) Processing	
	48	25	26	27	28	29	30	31		Jul. 25: All subject assessment results finalised
Aug	49	1	2	3	4	5	6	7		Aug. 1: Finalization of overall assessment results
	50	8	9	10	11	12	13	14	--	Aug. 2: Announcement of Summer Term overall assessment results
	51	15	16	17	18	19	20	21	--	
	52	22	23	24	25	26	27	28	--	Aug. 28: Academic Year 2015-16 ends

General Holidays

Dates of finalization of examination results

July 2015

PART I: GENERAL INFORMATION

1. PROGRAMME OVERVIEW

With the emergence of the logistics era, it is of strategic importance that Hong Kong can build on its success as one of the world's major transshipment hubs and develop into the most important centre of logistics in the Asia-Pacific region. Managers in shipping and logistics industries will need to continually develop their knowledge, skills and competencies to successfully meet the challenges of this new era of logistics provision.

The MSc/PgD in International Shipping and Transport Logistics is a unique postgraduate programme in Hong Kong. It particularly focuses on the highly specialised field of shipping and logistics and its curriculum has been developed in association with many leading experts from Hong Kong's shipping and logistics industries. The programme embodies a sound balance between academic theory and professional practice. The combination of compulsory subjects with a choice of electives, reflects the multi-disciplinary nature of the business and the diversity of the career paths students on the programme can pursue.

2. PROGRAMME AIMS AND OBJECTIVES

The programme aims to provide a specialist academic programme at the higher degree level for the shipping, transport, and logistics industries. The enriching learning experience will help graduates to introduce modern and cost-effective reforms into the industry.

The objectives of the programme are to:

(i) provide up-to-date and in-depth knowledge of shipping and logistics vital for the continued development of the industry and Hong Kong;
(ii) develop capabilities to tackle complex multi-disciplinary problems through covering a host of topics such as logistics, economics, finance, management, law, insurance, marketing, IT applications and China practices;
(iii) nurture good practice and sound professional judgment by drawing upon the experience of practising professionals;
(iv) develop the critical and analytical approach necessary to become a good decision maker; and
(v) prepare graduates for future advancement in the profession through self-development.

3. PROGRAMME OUTCOMES

On completion of the programme, the student is able to:

(i) stimulate critical and creative thinking in the business setting;
(addressed by subjects: Organizational Management in Shipping and Logistics (LGT5001), International Logistics Systems, Operations and Management (LGT5002), Supply Chain Management (LGT5015), Shipping Law (LGT5064), Finance for shipping and Logistics (LGT5065))

(ii) identify and resolve legal issues as they arise generally and in the specific business settings for which they are being prepared;
(addressed by subjects: Shipping Law (LGT5064))

(iii) analyze business situations and problems in the context of international shipping and transport logistics by applying appropriate conceptual frameworks;

(addressed by subjects: Organizational Management in Shipping and Logistics (LGT5001), International Logistics Systems, Operations and Management (LGT5002), Supply Chain Management (LGT5015), Shipping Law (LGT5064), Finance for shipping and Logistics (LGT5065))

(iv) apply logistics and supply chain theories, and understand the logistics operation in the context of international shipping and logistics industry.
(addressed by subjects:International Logistics Systems, Operations and Management (LGT5002), Supply Chain Management (LGT5015))

(v) be attentive and responsive to ethical issues in business.
(addressed by subjects: International Logistics Systems, Operations and Management (LGT5002), Supply Chain Management (LGT5015))

4. ENTRANCE REQUIREMENTS

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

(i) A Bachelor's degree in International Shipping or Logistics or Maritime Studies, or other relevant disciplines; or

(ii) A Bachelor's degree in Business or Management or other equivalent disciplines with a minimum of 2-year working experience in the shipping, transport or logistics field; or

(iii) A Bachelor's degree in any other discipline, with a minimum of 4-year working experience in the shipping, transport or logistics field; or

(iv) Full membership in one of the following professional bodies:
- The Chartered Institute of Logistics and Transport, Hong Kong;
- The Institute of Chartered Shipbrokers, UK;
- The Chartered Insurance Institute, UK;
- The Chartered Institute of Purchasing and Supply, UK.

(v) Candidates in senior management positions possessing other academic qualifications may also be considered on a case-by-case basis.

If you are not a native speaker of English and your Bachelor's Degree or equivalent qualification was awarded by an institution at which the medium of instruction is not English, you are expected to fulfill the University's minimum English language requirement for admission. Please refer to the "Admissions Requirements" section of Study@PolyU for details.

5. PROGRAMME STRUCTURE

5.1 Programme Information

Programme Code and Title:
44087 Master of Science/Postgraduate Diploma in International Shipping and Transport Logistics (Mixed-mode)

Award:
Master of Science/Postgraduate Diploma in International Shipping and Transport Logistics

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 – Dissertation Option	33	5 Compulsory Subjects + 3 Elective Subjects + Dissertation (9 credits)
MSc – Non-dissertation Option	33	5 Compulsory Subjects + 4 Elective Subjects + Project (6 credits) **OR** 5 Compulsory Subjects + 6 Elective Subjects
PgD	18	5 Compulsory 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 Department of Logistics and Maritime Studies.

5.3 Mode and Duration of Study

The programme is operated in mixed-mode. Students enrolling on the programme are classified as mixed-mode students. They may engage in a full-time or part-time study load by attending classes mainly in the evening. If the mixed-mode students take subjects with a study load of 9 credits or more in a semester, they will be given full-time status in that semester. Otherwise, they will be given part-time status.

The academic year is organized into Semester 1 (13 weeks), Semester 2 (13 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 over the normal period. Also, Summer Term will be a more convenient time if academics from overseas or the Chinese Mainland are invited to deliver some subjects.

Actual number of class meetings may vary in light of certain conditions in the offering semester, such as the arrangement of public holidays; or other pedagogical needs of subject lecturers.

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. This is usually arranged to make full use of overseas academic visitors or professionals.

Visits to organizations or port facilities will be an important part of some subjects. In addition to gaining an insight into the transport and logistics field operations, the discussions between the practicing managers and the students on prevailing issues facing the industries will also serve to enhance awareness, generate interest, stimulate thought and enrich the full spectrum of learning.

The duration of the programme is as follows:

	MSc		**PgD**	
	Full-time study load	Part-time study load	Full-time study load	Part-time study load
Normal Duration	1-2 years	2.5 years	1 year	
Maximum Duration	5 years		2 years	

5.4 Subject Offerings

	MSc	PgD
Starting from Year 1 through Year 2	Compulsory Subject (5 subjects – 15 credits) LGT5001 Organizational Management in Shipping and Logistics LGT5002 International Logistics Systems, Operations and Management LGT5015 Supply Chain Management LGT5064 Shipping Law LGT5065 Finance for Shipping and Logistics	
Starting from Year 1 Summer Term through Year 2	Elective Subjects (A combination of subjects equivalent to 18 credits) ISE5010 Decision Support Modeling for Courier and Freight Management ISE512 Warehousing and Material Handling Systems ISE527 Logistics Information Systems LGT5007 Shipping Economics and Markets LGT5010 Port Policy and Management LGT5011 Admiralty Law LGT5012 Law and Practice in Marine Insurance LGT5013 Transport Logistics in China LGT5014 Air Transport Logistics and Management LGT5017 Maritime Logistics LGT5032 Strategic Procurement Management LGT5037 Project Management LGT5046 Contract Management LGT5051 Chinese Maritime and Port Law LGT5052 Maritime Claims Management LGT5054 Maritime and Port Risk Management LGT5067 Intermodal Transport Management LGT5071 Ship Chartering Strategies LGT5072 Liner Shipping Management LGT5073 Risk Management in Operations LGT5101 Statistics for Management LGT5102 Models for Decision Making LGT5113 Enterprise Resource Planning LGT5122 Applications of Decision Making Models LGT5131 Warehousing and Materials Management LGT5152 Information Systems for Supply Chain Management LGT5160 Derivatives and Risk Management in Shipping LGT5161 Air Transport Regulatory Policy LGT5162 Airline Strategic Management LGT5163 Aviation Marketing LGT5164 Aviation Safety Management LGT5169 Airport Business Management LGT5201 Dissertation* LGT5202 Project* MM501 Research Methods MM544 E-Commerce **Each subject counts for 3 credits while Dissertation & Project are worth 9 credits & 6 credits respectively.*	Elective Subjects (1 subject – 3 credits) ISE5010 Decision Support Modeling for Courier and Freight Management ISE512 Warehousing and Material Handling Systems ISE527 Logistics Information Systems LGT5007 Shipping Economics and Markets LGT5010 Port Policy and Management LGT5011 Admiralty Law LGT5012 Law and Practice in Marine Insurance LGT5013 Transport Logistics in China LGT5014 Air Transport Logistics and Management LGT5017 Maritime Logistics LGT5032 Strategic Procurement Management LGT5037 Project Management LGT5046 Contract Management LGT5051 Chinese Maritime and Port Law LGT5052 Maritime Claims Management LGT5054 Maritime and Port Risk Management LGT5067 Intermodal Transport Management LGT5071 Ship Chartering Strategies LGT5072 Liner Shipping Management LGT5073 Risk Management in Operations LGT5101 Statistics for Management LGT5102 Models for Decision Making LGT5113 Enterprise Resource Planning LGT5122 Applications of Decision Making Models LGT5131 Warehousing and Materials Management LGT5152 Information Systems for Supply Chain Management LGT5160 Derivatives and Risk Management in Shipping LGT5161 Air Transport Regulatory Policy LGT5162 Airline Strategic Management LGT5163 Aviation Marketing LGT5164 Aviation Safety Management LGT5169 Airport Business Management MM501 Research Methods MM544 E-Commerce *Each subject counts for 3 credits.*
For the Dissertation/ Project: Starting from Year 2 Semester 2 through Year 3 Semester 1		

Subject to university's minimum enrolment 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 Common Pool to fulfill the elective requirements of the programme. Please visit the website http://www.fb.polyu.edu.hk/rpss/commonpool/ 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 Common Pool, unless the elective subject concerned falls within the programme curriculum.

Remark:
*First-year students are strongly advised to complete **ALL** the compulsory subjects before taking elective subjects.*

5.5 Programme Curriculum and Assessment Weightings

Compulsory subjects

Subject Code	Subject Title	Credits	Pre-requisite	Exclusion	Contact hours	Assessment	
						Coursework (%)	Examination (%)
LGT5001	Organizational Management in Shipping & Logistics	3	Nil	Nil	39	50	50
LGT5002	International Logistics Systems, Operations and Management	3	Nil	CSE564/ LGT5061	39	50	50
LGT5015	Supply Chain Management	3	Nil	Nil	39	60	40
LGT5064	Shipping Law	3	Nil	Nil	39	50	50
LGT5065	Finance for Shipping and Logistics	3	Nil	Nil	39	50	50

Elective subjects

Subject Code	Subject Title	Credits	Pre-requisite	Exclusion	Contact hours	Assessment	
						Coursework (%)	Examination (%)
ISE5010	Decision Support Modeling for Courier and Freight Management	3	Nil	Nil	39	100	0
ISE512	Warehousing and Material Handling Systems	3	Nil	LGT5131	39	100	0
ISE527	Logistics Information Systems	3	Nil	LGT5152	39	100	0
LGT5007	Shipping Economics and Markets	3	Nil	Nil	39	50	50
LGT5010	Port Policy and Management	3	Nil	Nil	39	50	50
LGT5011	Admiralty Law	3	Nil	Nil	39	50	50
LGT5012	Law and Practice in Marine Insurance	3	Nil	Nil	39	50	50
LGT5013	Transport Logistics in China	3	*Understand Putonghua & read simplified Chinese Characters*	Nil	39	50	50
LGT5014	Air Transport Logistics and Management	3	Nil	Nil	39	50	50
LGT5017	Maritime Logistics	3	Nil	Nil	39	50	50
LGT5032	Strategic Procurement Management	3	Nil	Nil	39	50	50
LGT5037	Project Management	3	Nil	Nil	39	50	50
LGT5046	Contract Management	3	Nil	Nil	39	50	50
LGT5051	Chinese Maritime and Port Law	3	Nil	Nil	39	50	50
LGT5052	Maritime Claims Management	3	Nil	Nil	39	50	50
LGT5054	Maritime and Port Risk Management	3	Nil	Nil	39	50	50
LGT5067	Intermodal Transport Management	3	Nil	Nil	39	50	50

(Continued on next page)

(Continued) Elective subjects

Subject Code	Subject Title	Credits	Pre-requisite	Exclusion	Contact hours	Assessment	
						Coursework (%)	Examination (%)
LGT5071	Ship Chartering Strategies	3	Nil	Nil	39	50	50
LGT5072	Liner Shipping Management	3	Nil	Nil	39	50	50
LGT5073	Risk Management in Operations	3	*None, but knowledge of elementary business statistics and probability will be advantageous.*	ISE548	39	50	50
LGT5101	Statistics for Management	3	Nil	Nil	39	50	50
LGT5102	Models for Decision Management	3	Nil	MGT532	39	50	50
LGT5113	Enterprise Resource Planning	3	Nil	Nil	39	50	50
LGT5122	Applications of Decision Making Models	3	*LGT5102 (Co-requisite)*	Nil	39	100	0
LGT5131	Warehousing and Materials Management	3	Nil	ISE512	39	50	50
LGT5152	Information Systems for Supply Chain Management	3	Nil	ISE527	39	50	50
LGT5160	Derivatives and Risk Management in Shipping	3	Nil	Nil	39	50	50
LGT5161	Air Transport Regulatory Policy	3	Nil	Nil	39	40	60
LGT5162	Airline Strategic Management	3	Nil	Nil	39	50	50
LGT5163	Aviation Marketing	3	Nil	Nil	39	50	50
LGT5164	Aviation Safety Management	3	Nil	Nil	39	50	50
LGT5169	Airport Business Management	3	Nil	LGT5069	39	50	50
*LGT5201	Dissertation	9	Nil	LGT5202	NA	100	0
*LGT5202	Project	6	Nil	LGT5201	NA	100	0
MM501	Research Methods	3	Nil	BRE501 MM5011	39	100	0
MM544	E-Commerce	3	Nil	Nil	39	50	50

***For MSc only: choose either one**

5.6 Recommended Progress Pattern

Students are encouraged to follow the recommended progression pattern[1] to benefit from a cohort-based study and to graduate within the normal study period. The programme allows students the flexibility to proceed at their own pace. Despite the recommended progression pattern, all the compulsory and elective subjects can be studied at any order provided that the pre-requisites, if any, of the subjects are satisfied.

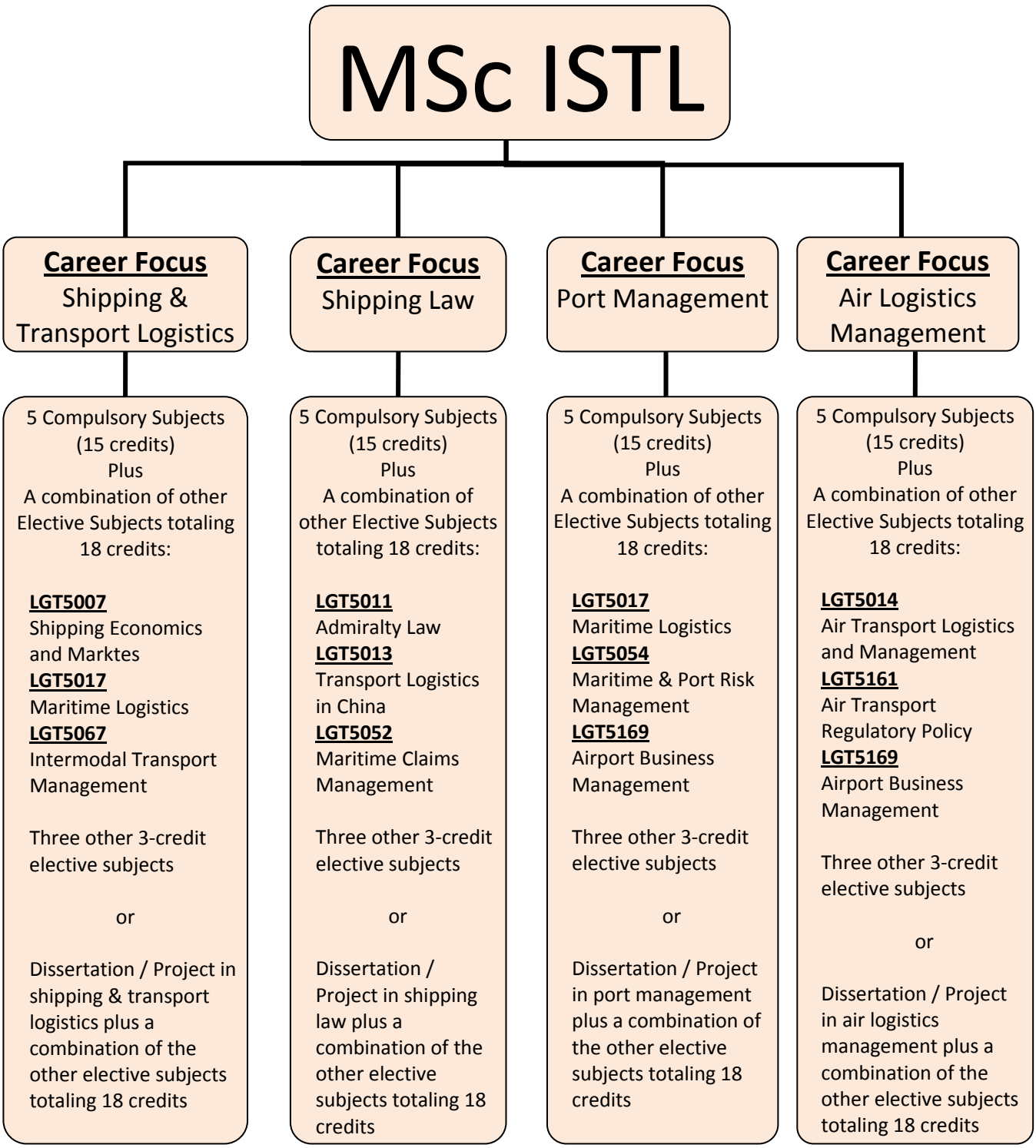
Under the recommended progression pattern, students are advised to take 2 to 4 subjects over a regular 13-week semester, 1 to 2 subjects over an optional 7-week Summer Term, compulsory first, followed by electives. For those who wish to exit with a PgD in 12 months, they can take 1 elective subject during the 1st Summer Term. For those who wish to pursue an MSc, they can take the required number of elective subjects in the subsequent semesters.

Students who opt for the Dissertation/Project should start the preparation during the 2nd semester of Year 2. To enable students be better prepared for their MSc Dissertation/Project, the research methodology element will be taught in the form of guided study at the beginning of the preparatory phase.

[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.

Options for the Choices of Electives and Career Development

In addition to the compulsory subjects, students who opt for MSc can take the elective subjects in the following manner to meet the needs of their career development:



5.7 Professional Recognition

(i) Graduates of the MSc in International Shipping and Transport Logistics have been granted full exemption from the Qualifying Examination of The Chartered Institute of Logistics and Transport in Hong Kong.

(ii) Graduates of the PgD in International Shipping and Transport Logistics have been granted Level 1 and Level 2 (6 subjects) exemption from the Qualifying Examination of The Chartered Institute of Logistics and Transport in Hong Kong.

(iii) Graduates of the MSc/PgD in International Shipping and Transport Logistics have been granted exemption on the following subjects of the Institute of Chartered Shipbrokers:
- Introduction to Shipping
- Legal Principles in Shipping Business
- Logistics and Multimodal Transport (as long as logistics is taken and shown on the transcript).

5.8 Curriculum Map

The **institutional learning outcomes** are as follows:

a. **Professional competence of specialists/leaders of a discipline/profession -** Graduates of PolyU TPg programmes will possess in depth-knowledge and skills in their area of study and be able to apply their knowledge and contribute to professional leadership.
b. **Strategic thinking -** Graduates of PolyU TPg programmes will be able to think holistically and analytically in dealing with complex problems and situations pertinent to their professional practice. They will be versatile problem solvers with good mastery of critical and creative thinking skills, who can generate practical and innovative solutions.
c. **Lifelong learning capability -** Graduates of PolyU TPg programmes will have an enhanced capability for continual professional development through inquiry and reflection on professional practice.

The above institutional learning outcomes are appropriately addressed by the totality of the programme learning outcomes of the MSc/PgD in International Shipping and Transport Logistics programme, as set out in Section 3 of this document.

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

7. COMMUNICATIONS WITH STUDENTS

While we work to communicate clearly and in a timely manner 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, LMS, 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 after 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 (one week for summer term). You are advised not to make any changes to the subjects pre-assigned to you by the Department without consulting your Department/Academic Advisor. In case you wish to drop all subjects for a semester, you must first seek approval from your Department for zero subject enrolment. Otherwise, you may be considered as having decided to withdraw from study on the programme concerned. 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.

If they have taken more credits, they will receive a second debit note on the remaining tuition fee about 5 weeks after the commencement of the semester. If they have taken less credits, a refund will be made.

8.2 Withdrawal of Subjects

If you have a genuine need to withdraw from a subject after the add/drop period, you should submit an application for withdrawal of subject to your programme offering department. Such requests will be considered by both the programme director and the 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 your programme.

For approved cases, a handling fee will be charged. The tuition fees paid for the withdrawn subject will be forfeited. The withdrawn subjects will still be reported in your Assessment Result Notification and Transcript of Studies although they will not be counted in GPA calculation. 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. SUBJECT EXEMPTION AND CREDIT 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 credit 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 subject exemption or credit transfer by using **Form AS41c**.

Subject Exemption
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.

Credit Transfer
You should submit an application for credit transfer upon your initial enrolment on the programme or before the end of the add/drop period of the first semester of your first year of study. Late applications may not be considered. 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 2008-09, then the validity period should count from 2009 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 subject results in a semester, you should check whether you have failed any subject via the eStudent and arrange for retaking of the subject during subject registration.

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 can register for such subjects during the last 2 days of 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. You should refer to this document to

ascertain the requirements, in particular for subjects offered in consecutive semesters, for retaking failed subjects or seek advice from the department concerned.

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

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 your Department to retain your study place by submitting **Form AS112** before the start of the semester and in any case not later than the end of the add/drop period. Otherwise, your registration and student status with the University will be removed. The semesters during which you are allowed to take zero subject will be counted towards the maximum period of registration for the programme.

You will receive notification from the Department normally within 2 weeks if your application is successful. Students who have been approved for zero subject enrolment 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.

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. All fees paid are non-refundable. Alternatively, you may apply for zero subject enrolment to reserve your study place.

Students who have been approved for deferment of study can retain their student identity card for use upon their resumption of study. You will be advised to settle the tuition fee and complete the subject registration procedures upon expiry of the deferment period. If you do not receive such notification one week before the commencement of the Semester, you should enquire at the Academic Secretariat.

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 Centre STARS.

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.

All fees paid are non-refundable.

If you discontinue your study at the University without completing proper withdrawal procedures, you will be regarded as having 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 assessment result. Failure to return the student identity card may render you not eligible for any certification of your study nor 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 METHOD

Students' performance in a subject can be assessed by continuous assessment and/or examinations, at the discretion of the individual subject offering Department. Where both continuous assessment and examinations are used, the weighting of each in the overall subject grade shall be clearly stated in this document. Learning outcome should be assessed by continuous assessment and/or examination appropriately, in line with the outcome-based approach.

Continuous assessment may include tests, assignments, projects, laboratory work, field exercises, presentations and other forms of classroom participation. Continuous Assessment assignments which involve group work should nevertheless include some individual components therein. The contribution made by each student in continuous assessment involving a group effort shall be determined and assessed separately, and this can result in different grades being awarded to students in the same group.

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 DISSERTATION/PROJECT

16.1 General Regulations

The dissertation/project is equivalent to 9 and 6 credits respectively; and students must satisfy the appropriate pre-requisites before they can enrol in the dissertation/project.

The dissertation/project will include a "Research Methodology" class, normally before the start of dissertation/project. The normal period for completion is one academic year (two 13-week semesters and 7-week Summer Term). To ensure that students are suitably equipped before the dissertation/project is started, a minimum of 12 credits must have been achieved before registering for the dissertation/project. Students who are unable to pass the subject within the normal period would be deemed having failed the subject. The normal period for dissertation may be extended, subject to the approval of the Dissertation/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 dissertation/project and students are expected to pursue their dissertation/project in consecutive semesters. No re-assessment or retake of the failed dissertation/ project is allowed.

16.2 Procedures for Preparing the Dissertation/Project

Preparatory Phase – to identify a research topic area with matching Dissertation/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 that the research goals have been achieved the student can then proceed to the final phase.

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

As a standalone compulsory component not directly assessed, there is a "Research Methodology" class that students taking the dissertation/project must attend, normally before the preparatory phase but can also be taken during the research phase. This taught component serves to introduce tools and techniques useful for doing research and writing up a dissertation/project.

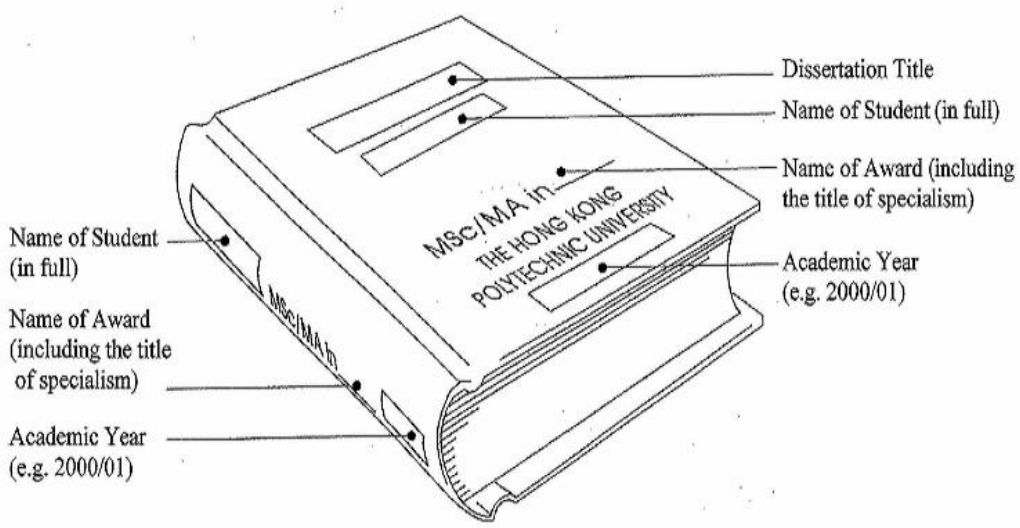
16.3 Assessment of Dissertation/Project

The final project will be assessed by the Supervisor and a moderator. For student who opts for dissertation, an oral examination is also appraised by an Assessment Panel consisting of the Supervisor, the moderator and a 3rd panel member appointed by the Dissertation Coordinator.

The Dissertation Supervisor shall make arrangements on a mutually convenient time and place for an oral examination with presence of assessors after submission of THREE temporary bound copies of the dissertation.

Students are required to submit TWO case-bound copies of the dissertation to their Dissertation Coordinator via their Dissertation Supervisor within one month after the completion of the dissertation (i.e. the announcement of the assessment grade).

Rough Sketch of a Bound Dissertation



17. GRADING

Assessment grades shall be awarded on a criterion-reference basis. Students' overall performance in a subject shall be graded 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:

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

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

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 fulfil 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 assessment results and the Official Assessment Result Notifications. However, this status will not be displayed in the transcript of studies.

20. ELIGIBILITY FOR AWARD

A student would be eligible for the award of Master of Science in International Shipping and Transport Logistics or Postgraduate Diploma in International Shipping and Transport Logistics 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/she satisfies all the conditions stated above. A student may take more credits than he/she needs to graduate on top of the prescribed credit requirements for his/her award in or before the semester within which he/she 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 Board of Examiners' individual discussion of marginal cases.

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

22. RECORDING OF DISCIPLINARY ACTIONS IN STUDENTS' RECORDS

(i) With effect from Semester One of 2015/16, disciplinary actions against students' misconducts will be recorded in students' records.

(ii) Students who are found guilty of academic dishonesty will be subject to the penalty of having the subject result concerned disqualified and be given a failure grade with a remark denoting 'Disqualification of result due to academic dishonesty'. The remark will be shown in the students' record as well as the assessment result notification and transcript of studies, until their leaving the University.

(iii) Students who have committed disciplinary offences (covering both academic and non-academic related matters) will be put on 'disciplinary probation'. The status of 'disciplinary probation' will be shown in the students' record as well as the assessment result notification, transcript of studies and testimonial during the probation period, which is normally one year unless otherwise decided by the Student Discipline Committee

(iv) Students who have committed academic dishonesty will be subject to the penalty of the lowering of award classification by one level. The minimum of downgraded overall result will be kept at a Pass.

23. 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. 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. Approval of applications for late assessment and the means for such late assessments shall be given by the Head of Department offering the subject or the Subject Lecturer concerned, in consultation with the Programme Director.

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 before taking/completing the late assessment. If you fail to settle the fee, the result of your late assessment would be invalidated.

24. PROCEDURES FOR APPEAL

Students appealing against the decision on their assessment results 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 no later than 7 working days upon the public announcement of his/her examination results, i.e. the date when the results are announced to students via the web. [For 2015-16, the announcement dates for overall results are 9 January 2016(Semester 1), 26 May 2016 (Semester 2) and 2 August 2016 (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 any supporting evidence.

Departments should inform the student concerned of the appeal result within 7 working days after either the announcement of the student's overall result or receipt of the letter of appeal, whichever is later.

If the appellant is dissatisfied with the decision, he/she may then appeal in writing to the Academic Secretary within 7 working days from the date of the post-mark of the Department's reply letter. 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 reconsideration of the Subject Lecturer's/SARP's/BoE's decision.

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

25. SIT-IN ARRANGEMENT

Subject to the following procedures and guidelines, students may be permitted to sit in on only elective subjects:

(a) **Before commencement of the elective subject, students must obtain** endorsement from the subject lecturer concerned and seek prior approval from the Programme Director;

(b) Students are required to **comply with all the assessment requirements** as prescribed by the subject lecturer concerned **except the final examination**. The subject result **will NOT be counted towards the overall GPA**; and

(c) Throughout the programme, students **can sit in on one additional Faculty of Business elective taught subject without paying tuition fee**.

26. 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.

27. PLAGIARISM AND BIBLIOGRAPHIC REFERENCING

The University and the LMS 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.

(i) Plagiarism refers to the act of using the creative works of others (e.g. ideas, words, images or sound, etc) in one's own work without proper acknowledge of the sources.

(ii) Students are required to submit their original work and avoid any possible suggestion of plagiarism in the work they submit for grading or credit.

(iii) At the Faculty of Business, for any significant pieces of written assignments or essays in continuous assessment (i.e., counting 15% or more of total assessment) for a subject, students are required to submit their own assignment to *Turnitin*, a plagiarism prevention software built in Blackboard, and to generate an Originality Report. They are required to provide a copy of the Report when handing in their essay.

(iv) The University/Faculty views plagiarism, whether committed intentionally or because of ignorance or negligence, as a serious disciplinary offence. Excuses such as "not knowing what is required" or "not knowing how to do it" will not be accepted.

(v) Depending on the seriousness of the plagiarism cases, they may be referred to the Student Discipline Committee for investigation and decision. If a student is found guilty of the alleged offence, penalties considered appropriate by the Committee may be imposed. These may include:

. suspension of studies for a specified period of time;
. expulsion for a specified period or indefinitely; and
. any other penalties as considered appropriate

28. 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

Website of Common Pool Electives
http://www.fb.polyu.edu.hk/rpss/commonpool/

The subject syllabuses contained in this Definitive Programme Document are subject to review and change from time to time. The Department of Logistics and Maritime Studies / subject offering department(s) reserve(s) the right to revise or withdraw the offer of any subject contained in this document. For teaching and learning, students should refer to the updated subject syllabuses distributed to them by the relevant subject lecturers when they take the corresponding subjects.

Subject Code	ISE5010
Subject Title	Decision Support Modeling for Courier and Freight Management
Credit Value	3
Level	5
Pre-requisite/Co-requisite/Exclusion	Nil
Objectives	This subject provides students with 1. the concepts and experience in various modern decision support models with applications in courier and freight management; 2. the knowledge of scenario articulation values, strategy formulation, and case examples.
Intended Learning Outcomes	Upon completion of the subject, students will be able to a. apply the basic skills and concepts of various decision support models in business and logistics environments; b. recognize scenario articulation values, strategy formulation and implementation; c. solve logistics problems using tools and methodologies associated with decision support theories and applications.
Subject Synopsis/ Indicative Syllabus	1. <u>Introduction to Decision Support Models</u> Decision support models compared with other intelligent expert systems; Pivot tables and expert systems with applications; Multidimensional database and data analysis approaches; Online analytical processing; Architecture and components of knowledge-based systems; Rule-based reasoning principles and applications. 2. <u>Development of Organizational Strategies</u> Organizational strategies for supporting ES, KBS, and DSS; Management involvement in DSS; Executive information system to support decision making; Tools for DSS. 3. <u>Case Studies of Decision Support Systems</u> Application systems in courier and freight forwarding activities; Production scheduling; Optimization examples in business and logistics settings.

Teaching/Learning Methodology

A mixture of lectures, tutorial exercises, and case studies are used to deliver the various topics in this subject, some of which are covered in a problem-based format where the learning objectives are enhanced. Other topics are covered through directed study to enhance the students' "learning to learn" ability. Some case studies, largely based on consultancy experience, are used to integrate these topics and thus demonstrate to students how the various techniques are interrelated and how they apply in real-life situations.

Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed		
	a	b	c
Lecture	✓	✓	✓
Case Study	✓		✓
Project	✓	✓	✓

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed					
		a	b	c			
1. Assignments	20%	✓	✓				
2. Project	30%	✓	✓	✓			
3. Case studies	20%	✓		✓			
4. Test	30%	✓	✓	✓			
Total	100%						

The test and project are designed to measure students' depth of knowledge on the issues of decision support modeling for courier and freight management. Assignments are designed to reflect students' understanding of the concepts and skills taught on various decision support models in business and logistics environments. Case studies are designed to appraise students' recommendations in applying the skills taught, tools, and methodologies associated with decision support theories and applications to solve logistics problems.

Student Study Effort Expected	Class contact:	
	▪ Lecture	18 Hrs.
	▪ Case studies/Seminars	12 Hrs.
	▪ Laboratory/Tutorial	9 Hrs.
	Other student study effort:	
	▪ Preparation for case studies and assignments	33 Hrs.
	▪ Self-revision for project and test	34 Hrs.
	Total student study effort	106 Hrs.
Reading List and References	1. Akerkar, R, A and Sajja, P, S. 2010, *Knowledge-Based Systems*, Jones and Bartlett, Priti Srinivas 2. Turban, Efraim and Aronson, and JE. 2009, *Decision Support Systems and Intelligent Systems*, Prentice Hall, Upper Saddle River, N.J. 3. Lewis, J. 2008, *Mastering Project Management: Applying Advanced Concepts to Systems Thinking, Control & Evaluation, Resource Allocation, 2nd edn*, McGraw-Hill, New York 4. Phillips-Wren, G, Ichalkaranje, Nikhil and Lakhmi, C, J. 2008, *Intelligent Decision Making: An AI-Based Approach*, Springer-Verlag, Berlin, Heidelberg 5. Turban, E and Aronson, J, E. 2005, *Decision Support Systems and Intelligent Systems, 7th edn*, Pearson Education, Upper Saddle River, N.J. 6. Moore, J, H and Weatherford, L, R. 2001, *Decision Modeling with Microsoft Excel, 6th edn*, Prentice Hall, Upper Saddle River, N.J.	

Subject Code	ISE512
Subject Title	Warehousing and Material Handling Systems
Credit Value	3
Level	5
Pre-requisite/Co-requisite/Exclusion	Nil
Objectives	This subject provides students with 1. a basic understanding of material handling facilities and the fundamental principles of material handling; 2. quantitative techniques for designing warehouse and material handling systems and an understanding of their limitations; 3. an understanding of safety issues and regulations in warehouse and material handling.
Intended Learning Outcomes	Upon completion of the subject, students will be able to a. select appropriate equipment for material handling and understand the basic roles of the different equipment; b. apply appropriate techniques for improving existing material handling systems; c. recognize the importance of safety issues in the areas of warehouse and material handling.
Subject Synopsis/ Indicative Syllabus	4. <u>Introduction to Basic Material Handling Equipment and Principles</u> Performance of physical work: conveyers, power trucks, cranes and hoists, robots, automated guided vehicles (AGVs), automated storage/retrieval systems. Assistance in material flow management: barcode systems, radio frequency identification (RFID), shelves, containers. Twenty principles of material handling from the College-Industry Council on Material Handling Education (CICMHE). 5. <u>Quantitative Techniques in Material Handling</u> Equipment selection: present value calculation, estimation of fixed and variable costs, calculation of the upper and lower bounds for equipment selection. Order picking and routing policies at warehouses. Warehouse layout design, methods of assigning dedicated storage. 6. <u>Material Transportation Optimization</u> AGV routing techniques. Behaviors of dynamic shortest paths with known events. Transportation and transshipment models. Vehicle-routing problems: traveling distance, customer demand, limited/unlimited capacity.

7. Regulations and Safety Issues

Health and safety aspects of warehouse and material handling systems. Types of legal liability and contributory negligence. Duty of care, breach of duty, causation and remoteness, damages, statutory duty, and employer liability.

Teaching/Learning Methodology

A mixture of lectures, tutorials, and laboratory exercises are used in this subject. External speakers may also be invited to broaden students' knowledge. Group works such as mini-projects, laboratory work, or case studies in the related areas are employed to enhance students' problem-solving ability and team spirit. Tests and individual assignments are also designed to assess the student performance.

Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed		
	a	b	c
Lecture	✓	✓	✓
Assignment/Laboratory	✓	✓	✓

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed					
		a	b	c			
1. Tests	50%	✓	✓	✓			
2. Assignments	20%	✓	✓	✓			
3. Laboratory exercises	30%	✓	✓				
Total	100%						

Laboratory exercises are designed to assess learning outcomes "a" and "b", and tests and assignments cover all of the intended outcomes of this subject.

Student Study Effort Expected

Class contact:	
▪ Lectures/Seminars/Tutorials 3 hours/week for 9 weeks	27 Hrs.
▪ Laboratory work 3 hours/week for 2 weeks plus 6 hours/week for 1 week	12 Hrs.
Other student study effort:	
▪ Assignments	40 Hrs.
▪ Self-study/Preparation work	40 Hrs.
Total student study effort	119 Hrs.

Reading List and References	1. Askin RG and Standridge CS 1993, *Modeling and Analysis of Manufacturing System*, New York, Wiley 2. McCormik EJ and Sanders M 1993, *Human Factors in Engineering and Design*, New York, McGraw-Hill 3. Bozer YA, Chapter 56: *Material Handling Systems, Handbook of Industrial Engineering: Technology and Operations Management*, 3nd edition, New York: John Wiley & Sons 4. Smith JD, Chapter 57: *Storage and Warehousing, Handbook of Industrial Engineering: Technology and Operations Management*, 3nd edition, New York: John Wiley & Sons 5. Francis RL and White JA 1998, *Facility Layout and Location: An analytical Approach, Englewood Cliffs*, NJ, Prentice-Hall 6. Muther R and Wheeler JD 1994, *Simplified Systematic Layout Planning*, Kansas City, MO, Management and Industrial Publication 7. Stanks J 1994, *Management Systems for Safety*, Financial Times, Pitman Publishing 8. Ridley J 2008, *Safety at work*, Routledge. 9. Konz A 1999, *Work Design: Industrial Ergonomics*, Holcomb Hathaway Pubs. 10. Alberto Garcia-diaz, J. Macgregor Smith 2007, *Facilities Planning and Design*, Prentice Hall 11. Edward Frazelle 2004, *World-class Warehousing and Material Handling*, McGraw Hill 12. Matthew P. Stephens, Fred E. Meyers 2013, *Manufacturing Facilities Design and Material Handling*, Prentice Hall

Subject Code	ISE527
Subject Title	Logistics Information Systems
Credit Value	3
Level	5
Pre-requisite/Co-requisite/Exclusion	Nil
Objectives	This subject provides students with the ability to 1. understand the theory, principles, and applications of logistics information systems (LISs); 2. describe the concepts of operations research for solving logistics optimisation problems; 3. identify the relationship between data warehousing and online analytical processing (OLAP) in logistics operations; 4. apply artificial intelligence techniques for distribution planning and logistics operation improvement.
Intended Learning Outcomes	Upon completion of the subject, students will be able to a. demonstrate their understanding of LISs and how such systems can be used in existing work situations to identify how the dispersed operations of a supply chain network can be configured; b. examine the concepts of data preprocessing and OLAP in logistics operations; c. apply the concepts of operations research to physical distribution planning and logistics operation improvement; d. select appropriate LISs to achieve logistics intelligence.
Subject Synopsis/ Indicative Syllabus	The syllabus includes the following topics 1. <u>Introduction to Logistics Information Systems</u> LIS concepts and architecture for knowledge discovery in databases. Issues related to the use of database management systems in data mining and operations carried out during data preprocessing. Relationships among data warehousing, OLAP, and data processing. 2. <u>Applications of Logistics Information Systems</u> Linear programming for optimisation and transportation carrier operations. Genetic algorithms and simulated annealing for distribution planning. Artificial intelligence techniques for logistics operations. 3. <u>Strategies for Implementing Data Mining to Enhance Logistics Intelligence</u> Articulating data mining problems with logistics problems or

objectives. Handling the critical steps required for success in logistics knowledge discovery tasks. Evaluating logistics operations and enhancing the efficiency of logistics operations using suitable tools.

4. Case Studies

Application of logistics operation control systems; vehicle scheduling and routing.

Teaching/Learning Methodology

A mixture of lectures, tutorial exercises, and laboratory exercises is used to deliver the various topics in this subject. Some material is covered using a problem-based format where this advances the learning objectives. Other material is covered through case studies to enhance students' "learning to learn" ability. Some case examples, largely based on consultancy experience, are used to integrate these topics and demonstrate to students how the various techniques are interrelated and applied in logistics operations.

Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed			
	a	b	c	d
Lecture	✓			✓
Tutorial		✓	✓	
Seminars			✓	✓
Project/case studies	✓	✓	✓	✓

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed					
		a	b	c	d		
1. Assignments	40%	✓	✓		✓		
2. Lab exercises	10%	✓					
3. Test	30%	✓			✓		
4. Projects	20%			✓	✓		
Total	100%						

The assignments are designed to assess students' ability to apply their knowledge of LISs and OLAP.

The laboratory exercises are designed to assess students' understanding of LISs.

The projects involve case studies through which students' understanding of the working principles, design concepts, and selection of LISs can be assessed.

The test is designed to assess students' understanding of the topics and whether they can present the concepts clearly.

Student Study Effort Expected	Class contact:	
	▪ Lectures 3 hours/week for 6 weeks	18 Hrs.
	▪ Tutorials 3 hours/week for 3 weeks	9 Hrs.
	▪ Laboratories 3 hours/week for 4 weeks	12 Hrs.
	Other student study effort:	
	▪ Assignment preparation	40 Hrs.
	▪ Presentation preparation and report writing	30 Hrs.
	▪ Test preparation	20 Hrs.
	Total student study effort	129 Hrs.
Reading List and References	1. Harrison, A. 2008, *Logistics Management and Strategy: competing Through the Supply Chain*, Harlow: Financial Times/Prentice Hall 2. *Logistics Management and Environmental Aspects: Special Innovative Conferences on Intelligent Transportation Systems and Telemetrics, Marketing, Vehicle Finance and Leasing. Croydon*, England: ISATA Düsseldorf Trade Fair, 1998 3. Dror, M. 2000, *Arc Routing: Theory, Solutions, and Applications*, Boston, MA: Kluwer Academic 4. Roiger, R. 2003, *Data Mining: A Tutorial-based Primer Boston*, Addison Wesley 5. *International Journal of Logistics: Research and Applications*, vol. 2 no. 3, Nov 1999.	

Subject Code	LGT5001
Subject Title	Organisational Management in Shipping & Logistics
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	To provide students with a full understanding of the organisational and human resources management in the context of international shipping and logistics.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Demonstrate relevant professional knowledge and understanding of maritime and logistics organisations, the external environment in which they operate and how they are managed. b. 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. c. Analyse the inter-relationships among and the integration of these areas within the overall student learning experience.
Subject Synopsis/ Indicative 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 managing 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. Corporate social responsibilities. Human resources management in context, leadership and customer care.
Teaching/Learning Methodology	Lectures introduce and explain key theoretical risk-related concepts. Lectures are followed by class discussions where concepts are linked to real events in the industry through appropriate examples and their analysis.

<table>
<tr><td></td><td>Seminars are highly interactive and include discussions of current / past events, case studies, and student presentations. Students are expected to actively participate in the classes and to share their experience and learn from each other.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td></td><td></td><td></td></tr>
<tr><td>1. Coursework</td><td>50%</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Mini-project</td><td>40%</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr>
<tr><td>Presentation</td><td>10%</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr>
<tr><td>2. Examination</td><td>50%</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Since the course focuses on the organizational management in shipping and logistics, case analysis and learning from practical, work-based experiences form an important constituent of student assessment. Coursework in the form of mini-project which targets some critical issues in organisational management in context will reinforce theoretical concepts learnt during the lectures and enable their applications in real-life operational situations. Presentation of student projects in the form of seminars will enhance students' communications skills and reinforce their concepts through two-way dialogue and discussions.

Final examination is an open-book examination that assesses student's in-depth understanding on the theoretical concepts of the subject and the ability to apply conceptual framework in real business case analysis.

Students would be given regular feedback on their performance, by email or as comments on assignments submitted. To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.</td></tr>
</table>

Student Study Effort Expected	Class contact:	
	▪ Lectures	26 Hrs.
	▪ Seminars	13 Hrs.
	Other student study effort:	
	▪ Self study	45 Hrs.
	▪ Coursework	42 Hrs.
	Total student study effort	126 Hrs.
Reading List and References	Rahim, M. Afzalur**,** Managing conflict in organizations**,** Transaction Publishers , 2011 , 4th ***Edition.*** Managing conflict, Boston, MA : Harvard Business School Press, c2007. Aba-Bulgu,M. and Sardar M.N. Islam, Corporate crisis and risk management : modelling, strategies and SME application. Oxford : Elsevier, 2007. **McLean, Hamish, Crisis command : strategies for managing corporate crises, ARK Group , 2009.** **Richard G. Human Resources, Renckly, Barron's Educational Series, 2011 , 3rd Edition.** Deresky, Helen (2008), International management : managing across borders and cultures : text and cases, Upper Saddle River, N.J. : Pearson Prentice Hall (6th edition). **Morschett, Dirk, Strategic international management text and cases,** Springer e-books, Gabler , 2009. 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, 2009. **Crane, Andrew ; Matten, Dirk ; Mcwilliams, Abagail ; Moon, Jeremy ; Siegel, Donald. The Oxford Handbook of Corporate Social Responsibility;Oxford University Press , 2008** ***Journals:*** Journal of Business Logistics Human Resources Journal International Journal of Physical distribution & Logistics International Journal of Production Economics Maritime Economics and Logistics Maritime Policy and Management

Subject Code	LGT5002
Subject Title	International Logistics Systems, Operations and Management
Credit Value	3
Level	5
Normal Duration	1-semester
Exclusion	CSE564 Transportation and Logistics LGT5061 International Logistics Management
Role and Purposes	This subject aims to provide students with an understanding of the growing importance of international logistics systems, operations and management. To familiarize students with the fundamental knowledge and skills of international logistics and how they can be applied to help firms achieve cost and service advantages in the world's marketplace, by integrating the logistics concept into the business and applying appropriate methods for specific logistics management problems at different international contexts.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Identify and evaluate the elements of an international logistics system; b. Understand the relationships between international logistics systems, other important business functions, the international business environment, and the role of Hong Kong; c. Recognize the complexity of the elements in international logistics system and how they are related to organizational performance; d. Learn the current issues for the design and evaluation of an international logistics system; e. Understand how the elements of an international logistics system should be integrated and coordinated in the most cost effective manner; f. Study the issues for effective planning, control, and monitoring of logistics management in international context g. Understand ethical issues for managing international logistics systems and operations.
Subject Synopsis/ Indicative Syllabus	Concept of a logistics system; Logistics and competitiveness; Globalization and the world economy; International logistics and the challenges for Hong Kong; International trade theories and practices; Logistics outsourcing and the risks; Logistics information systems; Global identification standards and RFID adoption; Logistics customer services; Shipping markets and the roles of international shipping; Trends in the shipping industry, Air cargoes and intermodal freight transport; International purchasing and supply; Logistics and maritime security issues; Warehousing management; Reverse logistics and the green supply chain; Customer and supplier relationships for international business; Trading terms and practices; Import/ export issues; Global strategy and logistics management; Quality management for logistics; Emerging topics and corporate social responsibility issues on international logistics management.

Teaching/ Learning Methodology

The learning outcomes are achieved through a participative approach where students are

- Encouraged to think of real life examples and discuss their management implications with peers in the class and with the lecturer;
- Required to learn from lectures, case analyses, article review, research papers, group discussion, and interactions with the lecturer and among themselves;
- Instructed to review current international logistics related articles to enhance their understanding of international logistics systems, operations, and management.

Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed						
	a	b	c	d	e	f	g
Lecture	✓	✓	✓	✓	✓	✓	✓
Tutorial	✓	✓	✓	✓	✓	✓	✓

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						
		a	b	c	d	e	f	g
1. Coursework	50 %	✓	✓	✓	✓	✓	✓	✓
2. Examination	50 %	✓	✓	✓	✓	✓	✓	✓
Total	100 %							

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

The objective of the three hours examination (50%) is for students to review all concepts covered in the course. There are four parts in coursework:

Article review presentation (10%) helps students to grasp the latest development in international logistics management and link the concepts and ideas covered in the course.

Group review report (15%) helps students organize ideas from their article review presentation after receiving comments from the lecturer and peers. This report needs to be supplemented with examples and applications in the issue being analyzed. Students are also required to propose actions to tackle the identified problems and managerial insights for international logistics management.

Individual report (20%) requires students to write an essay summarizing key points from various class activities with the aim for evaluating student learning outcomes on individual basis.

Class attendance performance (5%) encourages student participation and contributions to various class activities.

	To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.	
Student Study Effort Expected	Class contact:	
	▪ Lectures	26 Hrs.
	▪ Seminars / Tutorials	13 Hrs.
	Other student study effort:	
	▪ Preparation for coursework activities	42 Hrs.
	▪ Self-study for course materials	45 Hrs.
	Total student study effort	126 Hrs.
Reading List and References	***Recommended Textbooks*** Lun, Y. H. V., Lai, K. H. and Cheng, T. C. E. (2010) Shipping and Logistics Management, Springer, UK. (ISBN-978-1-84882-996-1) International Journal of Shipping and Transport Logistics , Inderscience, (ISSN:-1756-6517) Journal of Shipping and Trade, Springer (ISSN:-2364-4575)	

<table>
<tr><td>Subject Code</td><td>LGT5007</td></tr>
<tr><td>Subject Title</td><td>Shipping Economics and Markets</td></tr>
<tr><td>Credit Value</td><td>3</td></tr>
<tr><td>Level</td><td>5</td></tr>
<tr><td>Normal Duration</td><td>1-semester</td></tr>
<tr><td>Pre-requisite / Co-requisite/ Exclusion</td><td>Nil</td></tr>
<tr><td>Role and Purposes</td><td>To familiarise students with important concepts and principles in shipping economics; to provide students with practical and essential knowledge of shipping markets in an international business environment; to equip students' analytical skills in strategic decision-making; to demonstrate how various models and theories can be applied to specific shipping sectors.</td></tr>
<tr><td>Subject Learning Outcomes</td><td>Upon completion of the subject, students will be able to:

a. Demonstrate knowledge and understanding of concepts and theories in shipping economics and markets.
b. Demonstrate knowledge and understanding of the procedures and common problems in shipping management and daily shipping operation.
c. Demonstrate abilities and skills in solving common problems encountered in shipping management.</td></tr>
<tr><td>Subject Synopsis/ Indicative Syllabus</td><td>A brief introduction of shipping history, maritime economics and shipping market; Theory of demand and its application in shipping market; The supply of shipping firms and market supply; Market equilibrium and evolution; Market structure and firm competition; Decision-making under uncertainty; Freight market economics and evolution; Relationship between different market segments in shipping industry; Decision-making on ship investment; Economics of ship chartering; Externality in shipping; Emission reduction in international shipping.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>Lectures will be used for introducing the concept, and tutorials will be conducted for case studies and discussion.
<table>
<tr><td>Teaching/Learning Methodologies</td><td colspan="3">Intended Subject Learning Outcomes to be assessed</td></tr>
<tr><td></td><td>a</td><td>b</td><td>c</td></tr>
<tr><td>Lecture</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>Tutorial</td><td>✓</td><td>✓</td><td>✓</td></tr>
</table></td></tr>
</table>

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c			
1. Course work	50%	✓	✓	✓			
2. Final exam	50%	✓	✓	✓			
Total	100 %						

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

Student Study Effort Expected

Class contact:	
▪ Lectures	26 Hrs.
▪ Tutorials	13 Hrs.
Other student study effort:	
▪ Term project	87 Hrs.
Total student study effort	126 Hrs.

Reading List and References

References

Stopford, M. (2009) *Maritime Economics*, 3nd Ed., Routledge, London.

Wayne K. Talley (2011). The Blackwell companion to Maritime Economics. Wiley-Blackwell, ISBN 978-1-4443-3024-3

Alderton, P.M. (2004) *Sea Transport: Operation and Economics*, Thomas Reed, East Molesey.

Berenson, M and Levine , M (2008) *Basic Business Statistics: Concepts and Application*, 11th Ed, Pearson

Branch, A.E. (2007) *Elements of Shipping*, 8th Ed., London; New York: Routledge.

Button, K. (2010) *Transport Economics*, 3rd Ed., Cheltenham: Edward Elgar.

McConville, J. (1999) *Economics of Maritime Transport: Theory and Practice*, Witherby, London.

Subject Code	LGT5010
Subject Title	Port Policy and Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	It provides students with comprehensive knowledge on the nature of port, its evolution, development, and management. It also introduces students to the roles and functions of ports in the economic and transport infrastructure of a territory, as well as port competition and policy choices.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. To provide the students with comprehensive understanding on port management and operations, port competition and policy choices. b. To provide students with the ability to analyze the implications of port policy and management.
Subject Synopsis/ Indicative Syllabus	**Port development:** Historical development of ports; geographical location; classification and characteristics; the economic and logistical role and functions of ports. **Port policy and regulation**: Duties and powers of a port authority; port administration and structure (private vs. public sector ownership); port policies: port reform and governance; port co-operation and competition; port safety and security. **Port management**: port marketing and sales; port pricing and tariffs; port investment and financing; port management information systems; future development of ports in an era of increasing ship size. **Green policy**: ports and the environment: ship-borne and cargo-borne pollution; the influence of ports on the marine ecosystem.

Teaching/Learning Methodology

Lectures will be used to present the basic theories and their application to the real world. General principles of the syllabus topic will be presented and developed during the lectures. There will also be seminar-type discussions where students will develop and apply the general principles of the topic in student-centred activities, including group discussions of cases, student presentations and discussions.

Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed			
	a	b		
Lecture	✓	✓		
Tutorial	✓	✓		

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b				
1. Final Examination	50%	✓	✓				
2. Continuous Assessment	50%	✓	✓				
Total	100 %						

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

Student Study Effort Expected

Class contact:	
▪ Lectures	26 Hrs.
▪ Seminars	13 Hrs.
Other student study effort:	
▪ Revisions	67 Hrs.
▪ Course project and presentation	20 Hrs.
Total student study effort	126 Hrs.

Reading List and References	*Books:* Alderton, P. (2005): *Port Management and Operations*, 2nd edition, LLP, London. Brooks, M.R. and Cullinane, K. (Eds.) (2007): *Devolution, Port Governance and Port Performance*, Elsevier, London. Cullinane, K. and Talley, W.K. (Eds.) (2006): *Port Economics*, Elsevier, London. Frankel, E.G. (1987): *Port Planning and Development*, John Wiley & Sons, New York. Song, D.W. and Cullinane, K. (Eds.) (2007): *Asian Container Ports*, Palgrave Macmillan, New York. Talley, W.K. (Ed.) (2008): *Maritime Safety, Security and Piracy*, LLP, London. Wang, J., Olivier, D., Notteboom, T. and Slack, B. (Eds.) (2007): *Ports, Cities, and Global Supply Chains*, Ashgate, Aldershot. *Journals :* Environment and Planning A Journal of Transport Geography Maritime Economics and Logistics (formerly International Journal of Maritime Economics) Maritime Policy and Management Research in Transportation Economics

Subject Code	LGT5011
Subject Title	Admiralty Law
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	**Nil**
Role and Purposes	To help the students to familiarize the relevant international legal practice relate to admiralty law, coverage will include jurisdictions of major admiralty nations, such as US, UK, Australia, Singapore, and Hong Kong.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Familiar with the essential legal principles and concepts relate to admiralty law b. Evaluate various options to solve legal disputes relate to an admiralty matter c. Spot relevant legal issues relate to an admiralty matter. d. Understand the critical aspects of various forms of dispute resolutions, such as how to confirm an arbitration award in court and its enforcement.
Subject Synopsis/ Indicative Syllabus	▪ Ownership issues: nationality, flag, at what stage a ship acquires the status of a vessel, not a mere structure of steel components. ▪ Maritime liens: various types and how they attach to a vessel. ▪ Claims management: Conventional litigation, Maritime arbitration, New York Convention, validity of a arbitration clause, enforcement of an arbitration award. ▪ Pilotage: compulsory/voluntary pilotage; authority and liability ▪ Collision: nature, measurement of damages, allocation of liability, conventions ▪ Pollution: concepts discussed in leading oil pollution cases. ▪ Salvage and wreckage: nature of salvage, concepts discussed in leading cases. ▪ General average: common law and York-Antwerp Rules. ▪ Limitation of shipowners liability: convention on limitation of liability ▪ Admiralty Jurisdiction: action *in rem*, ship arrest

<table>
<tr><td>Teaching/Learning Methodology</td><td>The teaching method will be focused on case analysis. In each class, the lecturer will introduce the students the essential cases concerning various admiralty law topics. From the case discussion, the students will gain an understanding about the underlying admiralty legal principles and theories. During the tutorials, the students will engage in class exercises by spotting the legal issues from hypothetical cases, and the tutor will give constructive feedbacks to guide the students in analyzing the exercise. Both the lectures and the tutorials will be aimed to help the students in attending the intended learning outcomes of the subject.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td></td><td></td></tr>
<tr><td>1. Coursework</td><td>50 %</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr>
<tr><td>2. Examination</td><td>50 %</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>
To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.
</td></tr>
<tr><td>Student Study Effort Expected</td><td>
<table>
<tr><td>Class contact:</td><td></td></tr>
<tr><td>Lectures</td><td>26 Hrs.</td></tr>
<tr><td>Seminars / Tutorials</td><td>13 Hrs.</td></tr>
<tr><td>Non-class contact:</td><td></td></tr>
<tr><td>Class preparation & after class review</td><td>87 Hrs.</td></tr>
<tr><td>TOTAL STUDY EFFORT</td><td>126 Hrs.</td></tr>
</table>
</td></tr>
<tr><td>Reading List and References</td><td>References
Various articles selected from:
a. American Maritime Cases
b. The Journal of Maritime Law and Commerce
c. Loyola Maritime Law Journal
d. Tulane Maritime Law Journal
e. University of San Francisco Maritime Law Journal</td></tr>
</table>

Subject Code	LGT5012
Subject Title	Law and Practice in Marine Insurance
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	To facilitate learning of the principles and law of marine insurance through covering the law on insurance mainly with a maritime subject matter, and to develop the knowledge and skills of students in respect of theoretical and practical alternatives in controlling insurable risks in the transport logistics industry.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Appreciate the operations of the insurance industry in Hong Kong and London, the United Kingdom. b. Apply principles and law of marine insurance in Hong Kong. c. Analyse legal cases and interpret legislations and legal documents. d. Develop the ability to solve real legal issues by applying the legal method and conducting legal research.
Subject Synopsis/ Indicative Syllabus	Brief review of Marine Insurance Ordinance of Hong Kong; Structure of insurance market, operation of insurance and insurance company; Alternatives in insurance markets: cargo insurance, hull and machinery insurance, liability insurance, reinsurance, P&I insurance, double and under insurance; Risk assessment and underwriting principles: insurable interest and assignment, good faith, warranties, subrogation and etc; Insurance brokers and other Intermediaries.
Teaching/Learning Methodology	The lectures cover the basic concepts and theories. Tutorial sessions allow students to discuss the lectures and present the applications of principles and law of marine insurance in smaller groups.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c	d		
Case presentation	25%	✓	✓	✓	✓		
Assignment	25%	✓	✓	✓	✓		
Examination	50%	✓	✓	✓	✓		
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Students will be asked to apply legal method to provide solutions to problems which are practical and real.

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

Student Study Effort Expected

Class contact:	
▪ Lectures	26 Hrs.
▪ Tutorials	13 Hrs.
Other student study effort:	
▪ Voluntary test and quiz	42 Hrs
▪ Further reading	45 Hrs
Total student study effort	126 Hrs.

Reading List and References

Bennett, Howard (2006), *The Law of Marine Insurance*, Oxford.

Kenneth, Goodacre J (1996), *Marine Insurance Claims*, 3rd ed., London: Witherby.

Merkin, Robert (2012), *Colinvaux's Law of Insurance in Hong Kong*, 2nd ed, Hong Kong: Thomson Reuters HK Ltd.

Goo, S.H. (gen. ed.) (2003), *Insurance Law and Practice in Hong Kong*, Hong Kong: Sweet & Maxwell.

Hodges, Susan (1996), *Law of Marine Insurance*, London: Cavendish Pub. Ltd.

Hodges, Susan (1999), *Cases and Materials on Marine Insurance Law*, London: Cavendish Pub. Ltd

Rose, F.D. (2012), *Marine Insurance: law and practice*, 2nd ed., Informa.

Soyer, Baris (2005), *Warranties in Marine Insurance*, 2nd ed.,

	Routledge-Cavendish Shaw, Gordon W (1995), *The Lloyd's Broker*, London: Hong Kong: Lloyd's of London Press. *Marine Insurance: Issues, Practices and Costs* (1998), London: Drewry. ***Recommended periodicals, newspapers*** Lloyd's Maritime and Commercial Law Quarterly Journal of Maritime Law and Commerce Lloyd's Maritime Law Newsletter Journal of International Maritime Law Tulane Maritime Law Journal Dr Tai's Maritime Law: https://www.facebook.com/TaiMarL

Subject Code	LGT5013
Subject Title	Transport Logistics in China
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Students are expected to understand Putonghua and to read simplified Chines**e** Characters.
Role and Purposes	To provide within an operational and business environment: an advanced understanding of the market demand and supply, as well as principles and complexities of different mode of transportation in freight industry in China; the advanced skills necessary to implement logistics and supply chain management strategy in various industrial sector within a logistics company environment; proactive thinking to achieve and sustain advantage in a rapidly changing business/freight operational environment in China.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Analyse macro economical and industrial situation of transport logistics in China with updated facts and numbers. b. Describe the modes of logistics operation of road, water, air, and rail in China. c. Gain strategic insight on how to develop logistics and port related business within China, with deep-dive analysis into rapid developing sectors. d. Examine the Chinese policy in domestics and international trade and transport and the economic relationship between China and Hong Kong. e. Apply the Chinese transport and customs law. f. Develop the ability to assess and evaluate the different logistics environments in China and Hong Kong.
Subject Synopsis/ Indicative Syllabus	▪ Organisational 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; and Port Operations. ▪ 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 (port, air, rail,

road, and sea/inland waterway).

- Overview of China Trade and its impact on logistics; Chinese Contract Law; 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.
- Customs ordinances and trade regulations; Legal framework for transport and logistics in China; Foreign investment law in transport and logistics industries; Chinese judicial system for maritime and logistics cases, Chinese Maritime Law (covering bills of lading, voyage and time charter parties; marine insurance;); and Build and Finance Ships in China.

Teaching/Learning Methodology

Lectures introduce and explain key concepts and key sectors with case analysis. Lectures are followed by class discussions where concepts are linked to real events in the industry through appropriate examples and their analysis.

Seminars are highly interactive and include discussions of current / past events, case studies, and student presentations. Students are expected to actively participate in the classes and to share their experience and learn from each other.

Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed					
	a	b	c	d	e	f
Lecture	✓	✓	✓	✓	✓	✓
Tutorial	✓	✓	✓	✓	✓	✓

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c	d	e	f
1.Coursework Assignment/ case analysis	50%	✓	✓	✓	✓	✓	✓
2. Examination	50%	✓	✓	✓	✓	✓	✓
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

- Since the course focuses on transport logistics in China, case analysis and learning from practical, work-based experiences forms an important constituent of student assessment. Further, assignments and case analysis reinforce theoretical concepts learnt during the lectures and enable their applications in real-life operational situations. Final examination that assesses student's familiarity with theoretical concepts and the ability to apply

<table>
<tr><td></td><td colspan="2">conceptual framework in case analysis.
▪ Students would be given regular feedback on their performance, by email or as comments on assignments submitted.
To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.</td></tr>
<tr><td rowspan="8">Student Study Effort Expected</td><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lectures</td><td>26 Hrs.</td></tr>
<tr><td>▪ Tutorials/seminars</td><td>13 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Self study</td><td>45 Hrs.</td></tr>
<tr><td>▪ Coursework</td><td>42 Hrs.</td></tr>
<tr><td>Total student study effort</td><td>126 Hrs.</td></tr>
<tr><td></td><td></td></tr>
<tr><td>Reading List and References</td><td colspan="2">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(2014--2015) / 中国物流与采购联合会, 北京市 : 中国财富出版社, 2015
中國物流行業發展分 析預測報告 [electronic resource] (2009)
《中国现代物流发展报告》，南开大学/国家发展与改革委员会，中国财富出版社，2014，2015 年版
《中国物流年鉴》，中国财富出版社，2014，2015 年版
《中国供应链管理蓝皮书》，/丁俊发主编，中国：中国物资出版社/中国财富出版社，2010-2015 年版
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.</td></tr>
</table>

Subject Code	LGT5014
Subject Title	Air Transport Logistics and Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Nil
Role and Purposes	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.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Appreciate the dynamic nature of the air transport logistic industry. b. Understand the impacts of the external forces (economic, geographic, demographic, legal, political, environmental and technological), and the internal forces (micro-economic, competitive, operational and organisational) on the air transport logistics business. c. Analyze real market data and forecast the trend in different air transport and logistics markets. d. Understand the basic principles of revenue management, total factor productivity analysis and various demand forecast models;
Subject Synopsis/ Indicative Syllabus	• Current issues in the air transport industry • The air cargo business • 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 • Revenue management for air cargo
Teaching/Learning Methodology	Lectures will be used to present the theoretical foundations and how alternative skills can be applied to particular cases. Mini cases shall be used to give the students an updated view on the industry practices. Students are required to use the knowledge and methodology learned in this course to conduct projects which are related to some important issues in the aviation industry.

<table>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td></td><td></td></tr>
<tr><td>Coursework</td><td>50%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr>
<tr><td>Examination</td><td>50%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.</td></tr>
<tr><td>Student Study Effort Expected</td><td>
<table>
<tr><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lecture</td><td>26 Hrs.</td></tr>
<tr><td>▪ Tutorial</td><td>13 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Self study</td><td>87 Hrs.</td></tr>
<tr><td>Total student study effort</td><td>126 Hrs.</td></tr>
</table>
</td></tr>
<tr><td>Reading List and References</td><td>Book

Button, K. and Stough, R. (2000). Air Transport Networks: Theory and Policy Implications, Cheltenham, Northampton, Mass.: Edward Elgar Pub.

De Neufville, R., Odoni, A., Belobaba, P. and Reynolds, T. (2013). Airport Systems – Planning, Design and Management (2 ed.), McGraw-Hill.

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

Vasigh, B., Fleming, K. and Mackay, L. (2010), Foundations of Airline Finance. Ashgate

Vasigh, B., Fleming, K. and Tacker, T. (2008), Introduction to Air Transport Economics. Ashgate

Oum, T.H, and Yu, C. (1998) Winning Airlines: Productivity and Cost</td></tr>
</table>

	Competitiveness of the World's Major Airlines, Kluwer Academic, Boston. Oum, T.H., Park, J. H. and Zhang, A. (2000), *Globalization and Strategic Alliances: The Case of the Airline Industry,* Pergamon for Elsevier Science. Wensveen, J. G. (2011). *Air Transportation: A Management Perspective* (7th ed.), Ashgate. ***Journals*** Air Cargo News Airline Business Aviation Strategy Flight International Aviation Economics Journal of Air Transport Management

Subject Code	LGT5015
Subject Title	Supply Chain Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	This course discusses the concepts, theory, models, tools, and the best practices of modern product 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 supply chain management development in the internet plus time; ▪ develop fundamental skills for analyzing and managing a supply chain in an organization.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. evaluate the impact of supply chain and logistics activities on the financial performance of a firm b. identify and assess the inter-actions of inventory, time, information, and financial factors in a supply chain context c. recognize and understand some basic modelling approaches for supply chain design and optimization d. recognize and understand the importance of the multi-organizational nature of supply chain management e. recognize and understand some key issues in supply chain management and the possible approaches that can be used to tackle these issues f. understand the ethical issues in the global supply chain management

<table>
<tr><td>Subject Synopsis/ Indicative Syllabus</td><td>

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
Ethical issues in supply chain and logistics operations

</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>
Lectures to introduce concepts, theories, management issues, and methodologies.

Case study and group discussion: make connections of the contents from the lectures with real business practices so as to deepen the understanding of the concepts, theories, and issues of supply chain management.

In-class exercises and take-home assignments: help students to grasp some of the key methodologies and tools; practice some basic analysis skills and access their understanding of some basic concepts and analysis skills.

Group project to help students to recognize the key management issues in a complex real business context and develop systematic approaches and solutions to resolve the management problem .
</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td></tr>
<tr><td>1. Coursework*</td><td>60 %</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>2. Examination</td><td>40 %</td><td>✓</td><td>✓</td><td>✓</td><td></td><td>✓</td><td>✓</td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>
*Coursework may include case studies, group projects, and individual assignments

To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.
</td></tr>
</table>

Student Study Effort Expected	Class contact:	
	▪ Lectures	26 Hrs.
	▪ Seminars/Tutorials/Exercises	13 Hrs.
	Other student study effort:	
	▪ Group discussions	12 Hrs.
	▪ Projects	42 Hrs.
	▪ Reading and homework	33 Hrs.
	Total student study effort	126 Hrs.
Reading List and References	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
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	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.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Demonstrate relevant professional knowledge and understanding of maritime logistics, the international maritime environment in which they operate and how they are managed. b. 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. c. Analyse and integrate the inter-relationships among the various components of subject matters in shipping logistics for effective problem solving.
Subject Synopsis/ Indicative Syllabus	International seaborne trade. Maritime transportation and cargoes. Dry bulk and liquid bulk commodity logistics and services. 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. Transhipment hub, logistical networks and feeder concepts. Logistics of empty containers. Management of multimodal transport. Technologies in maritime logistics. Logistics center and free trade zone. Maritime security issues and technology.
Teaching/Learning Methodology	Lectures introduce and explain key theoretical risk-related concepts. Lectures are followed by class discussions where concepts are linked to real events in the industry through appropriate examples and their analysis. Seminars are highly interactive and include discussions of current / past events, case studies, and student presentations. Students are expected to actively participate in the classes and to share their experience and learn from each other.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c			
Coursework							
Presentation / quiz	30%	✓	✓	✓			
Participation in discussions / Attendance	20%	✓	✓	✓			
Examination	50%	✓	✓	✓			
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Since the course focuses on the maritime logistics, case analysis and learning from practical, work-based experiences form an important constituent of student assessment. Coursework in the form of presentation and quiz which targets some critical issues in the management of maritime logistics in context will reinforce theoretical concepts learnt during the lectures and enable their applications in real-life operational situations, as well as enhance students' communications skills and reinforce their concepts through two-way dialogue and discussions.

Students would be given regular feedback on their performance, by email or as comments on assignments submitted.

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

Student Study Effort Expected	Class contact:	
	▪ Lectures	26 Hrs.
	▪ Seminars	13 Hrs.
	Other student study effort:	
	▪ Self-study / research for self-learning tasks	42 Hrs.
	▪ Assignment / preparation for examination / test	45 Hrs.
	Total student study effort	126 Hrs.
Reading List and References	Maritime logistics : a complete guide to effective shipping and port management; Kogan Page , 2012 Container terminals and automated transport systems : logistics control issues and quantitative decision support / Hans-Otto Günther, Kap Hwan Kim, editors. Berlin : Springer-Verlag, 2005. Meisel, Frank, Seaside operations planning in container terminals, Springer e-books, Physica-Verlag , 2009. International handbook of maritime economics, Edward Elgar , 2011. House, D.J., Cargo work for maritime operations; Oxford ; Boston : Elsevier/Butterworth-Heinemann, 2005; 7th ed. Swadi, Dhananjay, Cargo notes, Witherby Seamanship International Ltd., 2009 , 2nd Edition. McNicholas, Michael (2008), Maritime security : an introduction. Burlington, Mass.: Butterworth-Heinemann. Lloyd's MIU handbook of maritime security, CRC Press ; Lloyd's MIU , 2009. Maritime private security market responses to piracy, terrorism and waterborne security risks in the 21st century, Routledge , 2012 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 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. Clean seas complying with MARPOL 73/78 MARPOL Annex I : prevention of pollution by oil**,** IDESS Interactive Technologies IDESS IT Inc. , 2010**.**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. Maritime Policy and Management. Alphaliner, Available at: http://www.alphaliner.com/ Llyod's List/Containerisation International, Available at: http://www.lloydslist.com/ll/sector/containers/

Subject Code	LGT5032
Subject Title	Strategic Procurement Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	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.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Develop procurement and supply as a key strategic business competence in an organisation. b. Understand and manipulate the economic drivers in the supply and value chain for the benefits of an organisation. c. Apply appropriate strategic procurement tools in contingent circumstances.
Subject Synopsis/ Indicative 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

<table>
<tr><td></td><td>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.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>Teaching and Learning Methods:
The above course objectives will be achieved through a participative approach. Students are expected to assume a very active role in the learning
process and the role of the lecturer will be one of a facilitator.
Specifically, students are:
1) encouraged to think of real life examples and discuss their management
implications with peers in the class and with the lecturer;
2) expected to learn from lectures, group discussions, case studies, and
interactions with the lecturer and among themselves;
3) required to review current supply management related articles to enhance
their understanding of the strategic procurement management;
4) given case studies to understand the important concepts and topic areas
covered in the course.
At the end of the course, students are expected to have a clearer understanding of how strategic procurement actually works.
The teaching method will be a combination of lecture and class discussion.
Lectures will be delivered to introduce students into the foundation of “Strategic Procurement Management” and an analytical framework for the subject. Class discussion will be used as a vehicle to exchange experiences and ideas in the subject matters. Assigned readings and analytical case studies will be used to consolidate and develop the students’ knowledge,
skills, and desire in the subject.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="5">Intended subject learning outcome be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td></td><td></td></tr>
<tr><td>1. Course Work</td><td>50 %</td><td>√</td><td>√</td><td>√</td><td></td><td></td></tr>
<tr><td>2. Examination</td><td>50 %</td><td>√</td><td>√</td><td>√</td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="5"></td></tr>
</table>
Explanation of the appropriateness of the assessment methods in</td></tr>
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<table>
<tr><td></td><td colspan="2">assessing the intended learning outcomes:

Assessment: The assessment will be based on two components:
a) A three-hour examination will contribute to a weight of 50% in the course. The objective of the examination is for students to review all concepts covered in the course one last time.

b) Team project presentation (25%), individual assignment (20%) and class performance (5%) will in total contribute to a weight of the remaining 50% in the course.

Guidelines to Team Project Presentation: The objective of the team project presentation is to help students organize and apply the ideas and concepts learnt from the course in real life settings.
The class is to be divided into teams of 3-7 students in each team. All members in the team are expected to be present in their presentation week for assessment purpose. The week of presentation will be informed to students on or before the 3rd lecture of the new semester. Team projects are due for submission one week on or before the presentation week.
If any individual has not contributed for the team works, s(he) should not append his/her name to the project presentation and report, but submit a separate report on their own. It will also be the team's responsibility to ensure that this happens. Each team member must contribute to the analysis leading to the assessed works in the course.

To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.</td></tr>
<tr><td rowspan="7">Student Study Effort Expected</td><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lectures</td><td>26 Hrs.</td></tr>
<tr><td>▪ Tutorials</td><td>13 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Revision, doing exercises and cases</td><td>87 Hrs.</td></tr>
<tr><td>▪</td><td>Hrs.</td></tr>
<tr><td>Total student study effort</td><td>126 Hrs.</td></tr>
<tr><td>Reading List and References</td><td colspan="2">van Weele, A.J. (the latest edition), Purchasing and Supply Chain Management, Cengage Learning.

Burt, D.N., Dobler, D.W., and Starling, S.L. (the latest edition) World Class Supply Management: The Key to Supply Chain Management, McGraw Hill.

Cousins, P., Lamming, R., Lawson, B., and Squire, B. (the latest edition), Strategic Supply Management: Principles, Theories and Practices, Prentice Hall/ Financial Times, Harlow, England.</td></tr>
</table>

	Cox, A., Sanderson, J. and Watson, G. (the latest edition), *Power Regimes: Mapping the DNA of Business and Supply Chain Relationships*, Earlsgate Press. Erridge, A., Fee, R. and Mcllroy, J. (Eds.) (the latest edition), *Best Practice Procurement: Public And Private Sector Perspectives*, Gower. Lamming, R. and Cox, A. (the latest edition), *Strategic Procurement Management*, Earlsgate Press. Luo, Y. (the latest edition) Guanxi and Business, World Scientific, Singapore. Porter, M. (the latest edition), *Competitive Advantage*, Free Press. Saunders, M. (the latest edition), *Strategic Purchasing and Supply Chain Management*, Prentice Hall.

Subject Code	LGT5037
Subject Title	Project Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	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.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Obtain the fundamental principles, concepts and techniques in project management. b. Understand modern project management trend and methods. c. Apply project management methodologies and techniques in enhancing business performance for organizations. d. Manage projects of different natures with sound judgment and skills.
Subject Synopsis/ Indicative 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.
Teaching/Learning Methodology	Lectures are designed to provide a basic grounding in principles, concepts and techniques in project management. Tutorials provide the environment and means for student-centered learning, in the form of class discussions, case analyses, problem exercises and experience sharing.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c	d		
1.Continous assessment	50%	√	√	√	√		
2. Final examination	50%	√	√	√	√		
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Continuous assessment consists of case study, course project and homework assignment, which can assess the students' understanding in theories, techniques and principles, evaluate their ability to solve problems in real business environment.

Final examination will assess the students' understanding in theories and principles, evaluate their ability to apply methods and techniques independently.

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

Student Study Effort Expected		
	Class contact:	
	▪ Lectures	26 Hrs.
	▪ Tutorials	13 Hrs.
	Other student study effort:	
	▪ Readings	45Hrs.
	▪ Assignments	42Hrs.
	Total student study effort	126 Hrs.

Reading List and References	Brown, K.A. and Hyer, N.L. (2010), Managing Projects: A Team-Based Approach. McGraw-Hill. Gray, C.F. and Larson, E.W. (2009), Project Management: the Managerial Process. 5th Edition. McGraw-Hill. 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. 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	LGT5046
Subject Title	Contract Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	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, negotiation and management.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Recognize the different stages of a standard contract, from contract formation to its conclusion (full performance, termination, or novation) b. Understand the key concepts related to contract law, with special attention to that of the UCC and the Vienna Convention on International Sales of Goods c. Understand the basic legal concepts in drafting commercial agreements [recognizing key points of drafting a "Joint Letter of Intent" by analyzing the legal issues discussed in *SCS Communications, Inc. v. Herrick Co., Inc*., 360 F.3d 329 (2d Cir. 2004)] d. Develop and review hands-on knowledge and understanding about Contract Management and Enterprise Contract Management, including but not limited to the review of the contemporary issues of Contract Management. e. Comprehend the practical approaches, applications and skills that are required for managing contracts from their inception (pre-contract negotiation) to the conclusion of the contract; organizing, discharging and executing the duties and responsibilities in Contract Management; and finally resolving disputes between the contracting parties. e. Examine major issues of legal risk exposure and risk management under the contract management spectrum. f. Familiar with contract management to a level that is adequate for continued self-enhancement of knowledge and practical

<table>
<tr><td></td><td>applications of the subject.</td></tr>
<tr><td>Subject Synopsis/ Indicative Syllabus</td><td>Legal aspects of contracting: what are the different stages of a standard contract? (from contract formation to its conclusion (full performance, termination, or novation); what are the key concepts that can commonly find in contract law? (with special attention to that of the UCC and the Vienna Convention on International Sales of Goods); how to draft commercial agreement, with a focus on “Joint Letter of Intent”.

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

Overview of the management of contract: definitions and common types of business contract, understanding and importance of contract management, contract life cycle, general guidelines for contract management, major threats and critical success factors of contract management, and specific roles and responsibilities under contract management.

Pre-Contract Negotiation: understanding, objectives and phases of contract negotiation; contract negotiation power and skills; roles of negotiator and negotiation tactics.

Contract Management Framework and Practices; contract management framework and practices in context and actions.

Dispute Resolution and Management: conflict and disputes, dispute handling, alternative dispute resolution, and dispute negotiation skills.

Current Issues of Contract Management: legal risks and management, legal remedies, standard form contract, relationship management, and enterprise contract management software solutions.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>The lectures cover the basic concepts and theories. Tutorial sessions allow students to discuss the lectures and present the application of different methods to manage contracts in smaller groups.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td></tr>
<tr><td>Coursework</td><td>50%</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Group Presentation</td><td>25%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>Group Written Report</td><td>25%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
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<table>
<tr><td>Final Examination</td><td>50%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>

To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.
</td></tr>
<tr><td>Student Study Effort Expected</td><td>
<table>
<tr><td>Class contact:</td><td></td></tr>
<tr><td>Lectures</td><td>26 Hrs.</td></tr>
<tr><td>Tutorials</td><td>13 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>Preparation for lectures and tutorials</td><td>45 Hrs.</td></tr>
<tr><td>Preparation for coursework and final examination</td><td>42 Hrs.</td></tr>
<tr><td>Total student study effort</td><td>126 Hrs.</td></tr>
</table>
</td></tr>
<tr><td>Reading List and References</td><td>
<u>Main Reference Textbooks</u>

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

Peter Siviglia (2013) Commercial Agreements: A Lawyer's Guide to Drafting and Negotiating, Part I. Drafting Commercial Agreements, Chapter 1. The ABC's of Drafting (COMAGREE § 1:1)

West Law Database (2014), Law of Purchasing re “The obligation to negotiate in good faith” (LPURCH § 49:28); <u>Flight Systems, Inc. v. Electronic Data Systems Corp</u>. (1997) 112 F.3d 124; <u>SCS Communications, Inc. v. Herrick Co., Inc</u>. (2004) 360 F.3d 329

Burt, D., Petcavage, S. and Pinkerton, R. (2010). ‘Supply management’. 8th Edition, McGraw-Hill/Irwin.

Costintino, C.A. and Merchant, C.S. (1996). ‘Designing conflict management systems: A guide to creating productive and healthy organizations’. San Francisco: Jossey-Bass.

Oliver, D. (2010). ‘How to negotiate effectively’. 3rd edition, Kogan Page.

Saxena, A. (2008). ‘Enterprise contract management. A practical guide to successfully implementing an ECM solution’. J. Ross Publishing Inc., Florida.

Yarn, D. H. (1995). ‘Dictionary of conflict resolution’. San Francisco: Jossey-Bass.
</td></tr>
</table>

	Main Reference Journals The International Association for Contract & Commercial Management National Contract Management Association – Journal of Contract Management Institute for Supply Management – Journal of Supply Chain Management **Legislations** Sale of Goods Ordinance (Cap 26) (Hong Kong) Uniform Commercial Code (U.S.) Vienna Convention on International Sales of Goods (international)

<table>
<tr><td>Subject Code</td><td>LGT5051</td></tr>
<tr><td>Subject Title</td><td>Chinese Maritime and Port Law</td></tr>
<tr><td>Credit Value</td><td>3</td></tr>
<tr><td>Level</td><td>5</td></tr>
<tr><td>Normal Duration</td><td>1-semester</td></tr>
<tr><td>Pre-requisite / Co-requisite/ Exclusion</td><td>Nil</td></tr>
<tr><td>Role and Purposes</td><td>To analyse Chinese maritime law and laws in relation to the use of Chinese ports concerning international shipping, with the view that students are able to understand and apply the relevant laws after the course.</td></tr>
<tr><td>Subject Learning Outcomes</td><td>Upon completion of the subject, students will be able to:
a. Demonstrate knowledge and understanding of concepts and theories relating to Chinese Maritime and Port Law.
b. Demonstrate knowledge and understanding of the procedures and common problems relating to Chinese Maritime and Port Law.
c. Demonstrate abilities and skills in solving common problems encountered in China relating to Maritime and Port Law.</td></tr>
<tr><td>Subject Synopsis/ Indicative Syllabus</td><td>Chinese Maritime Law: Chinese Contract Law is the foundation of the course; the course mainly discusses the Chinese Maritime Code covering bills of lading, voyage charterparties, time charterparties, marine insurance, cargo policies, hull policies, ship ownership, ship mortgage and employment of seamen.
Port Law: The organization and administration of Chinese port authorities, regulations on entering and leaving sea ports, port safety, regulations concerning foreign ships, ship registration, dangerous goods and regulations concerning shipping companies.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>The lectures cover the basic concepts and theories. Tutorial sessions allow students to discuss the lectures and present the application of Chinese Maritime and Port Law in smaller groups.
<table>
<tr><td>Teaching/Learning Methodologies</td><td colspan="4">Intended Subject Learning Outcomes to be assessed</td></tr>
<tr><td></td><td>a</td><td>b</td><td>c</td><td></td></tr>
<tr><td>Lecture</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Tutorial</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
</table>
</td></tr>
</table>

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c			
Coursework	50%						
Individual assignment	25%	✓	✓	✓			
Group assignment	25%	✓	✓	✓			
Final Examination	50%	✓	✓	✓			
Total	100 %						

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

Student Study Effort Expected

Class contact:	
Lectures	26 Hrs.
Tutorials	13 Hrs.
Other student study effort:	
Individual assignment	18 Hrs.
Group assignment	10 Hrs.
Self study	59 Hrs
Total student study effort	126 Hrs.

Reading List and References

Mo, John Shijian (1999), Shipping Law in China, Hong Kong: Sweet & Maxwell, Asia.

Albert Chen (2004), An Introduction to the Legal System of China, Butterworths.

Wang Shengming, Rongwei Cai and Melinda Lee (1999), An Insider's Guide to the PRC Contract Law, Asia Law & Practice.

Zhang Jinxian (1997), China's Maritime Courts and Justice, Witherby.

Beaumont, Ben & Yang, Philip (1994), Chinese Maritime Code & Arbitration, London: Simmonds & Hill Pub.

Li, K.X. and Ingram, C.W.M. (2002): Maritime Law and Policy in China, London: Cavendish.

中國海事局 (2000),《海事法規匯編》(The Collection of Maritime Laws and Regulations 1949-1999), 人民交通出版社。

祝銘山 (2004),《運輸合同糾紛》, 中國法制出版社。

	於世成, 楊召南, 汪淮江(2003),《海商法》, 法律出版社。 司玉琢 （2007），《海商法》，法律出版社。

Subject Code	LGT5052
Subject Title	Maritime Claims Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	T**o** provide students who may be involved in claims which arise during the operation of ships and the carriage of their goods and passengers with practical information and management skills in dealing with legal disputes.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Demonstrate knowledge and understanding of concepts and theories maritime claims management. b. Demonstrate knowledge and understanding of the procedures and common problems in maritime claims management. c. Demonstrate abilities and skills in solving common problems encountered in maritime claims management.
Subject Synopsis/ Indicative Syllabus	**Dispute Resolutions:** the process of resolving disputes between parties by using different ways including litigation, arbitration, mediation, conciliation and negotiation. Comparison on using different modes of dispute resolutions. Issue of legal costs. **Strategy for Optimal Claim Settlement and Claim Management Skills:** claim planning, forum shopping (choice of court), choice of law, limitation of liability, appointment of shipping lawyers, surveyors, adjusters and other maritime professions, analyzing of legal writings, understanding of legal documents, effective communication and management of relationships between different parties.
Teaching/Learning Methodology	The lectures cover the basic concepts and theories. Tutorial sessions allow students to discuss the lectures and different ways to manage maritime claims in smaller groups.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c			
Coursework	**50%**						
Individual/Group assignment	25%	✓	✓	✓			
Group assignment	25%	✓	✓	✓			
Final Examination	**50%**	✓	✓	✓			
Total	100 %						

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

Student Study Effort Expected

Class contact:	
▪ Lectures	26 Hrs.
▪ Tutorials	13 Hrs.
Other student study effort:	
▪ Individual assignment	20 Hrs.
▪ Group assignment	20 Hrs.
▪ Self study	47 Hrs.
Total student study effort	126 Hrs.

Reading List and References	Bagheri, M. (2000), International contracts and national economic regulation: dispute resolution through international commercial arbitration, The Hague; Boston: Kluwer Law International. Cameron, Camille (2001), Principles and Practice of Civil Procedure in Hong Kong, Hong Kong: Sweet & Maxwell Asia. Cato, D Mark (1999), The Expert in Litigation and Arbitration, LLP Chan, Felix & others (2000), Halsbury's Laws of Hong Kong: Vol 18(1), HK: Butterworths Asia. Costanzo, Margot (1993), Legal Writing, London: Cavendish Publishing Ltd. D'Ambrumenil, P. (1997), Mediation and arbitration, London: Cavendish Publishing Ltd. Fisher, R. (1991), Getting to yes: negotiating agreement without giving in (2nd Ed.), London: Business Books Ltd.; Boston: Houghton Mifflin. Harvard Program on Negotiation (PON): http://www.pon.harvard.edu/main/home/index.php3 Ma, D. and Kaplan, N. (2003), Arbitration in Hong Kong: a practical guide, Hong Kong: Sweet & Maxwell Asia. Mandaraka-Sheppard, Aleka (2007), Modern Admiralty Law: With Risk Management Aspects, Cavendish Publishing Limited. ***Recommended periodicals, newspapers*** Lloyd's Maritime and Commercial Law Quarterly Journal of Maritime Law and Commerce Lloyd's Maritime Law Newsletter Journal of International Maritime Law Tulane Maritime Law Journal

Subject Code	LGT5054
Subject Title	Maritime & Port Risk Management
Credit Value	3
Level	5
Normal Duration	1-semester
Prerequisites / Exclusions	Nil
Role and Purpose	This subject seeks to develop the knowledge and analytical skills necessary for making risk management decisions, through the application of risk management principles, when employed in organizations related to shipping / maritime trade.
Learning Outcomes	On completion of this subject, students will be able to: a. Analyze risks in maritime trade and ports, by applying basic principles and techniques of risk management. b. Identify appropriate risk management solutions and to effectively implement them. c. Understand how politics, policies and regulations affect risk management in maritime industry. d. Be familiar with risk management to a level that is adequate for continued self-enhancement of knowledge of the subject.
Synopsis / Indicative Syllabus	**Introduction and Concepts in Risk Management** Definitions of risk, concepts in risk management, identifying assets that need risk management, responsibility for risk management. **Identifying and Managing risks** Business process risks, market risks, organizational risks, socio-economic and environmental risks. Controllable and uncontrollable risks, low-frequency and random risks, management of risks. **Assessing Risks** Perceptions of risks, strategic and tactical approaches to risks, assessing various types of risks, Limitations of qualitative and quantitative risk assessment and choosing between them.

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Risk reduction strategies

Risk reduction strategies, risk avoidance, risk acceptance, 'do nothing', risk spreading, insurance, Identification, evaluation and ranking of risk reduction measures

Developing risk mitigation measures

Contingency planning, Crisis management, responding to disasters and risk events

Risk management plans

Cost of risk management, perceptions of risk and political factors, regulations and their effect on risk management.

Maritime Security

Security threats to shipping. Piracy, Terrorism. ISPS Code, CSI, C-TPAT,Impact of security on costs. Security threats and insurance costs. Impact of disruptions in shipping. Resilience and vulnerability of shipping to security threats.

</td></tr>
<tr><td>Teaching / Learning Methodology</td><td>

Lectures introduce and explain key theoretical concepts. Lectures are followed by class discussions where concepts arelinked to real events in the industry through appropriate examples and their analysis.

Discussions are highly interactive and include discussions of current / past events, case studies and student presentations. Students are expected to actively participate in the classes and to share their experience and learn from each other.

</td></tr>
<tr><td>Assessment Methods</td><td>

<table>
<tr><th rowspan="2">Assessment Method / Task</th><th rowspan="2">Weight %</th><th colspan="4">Intended subject learning outcome to be assessed (Please tick, if Yes)</th></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td></tr>
<tr><td>Continuous Assessment</td><td>50%</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Weekly report / Analysis / quiz</td><td>25%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>Participation in discussions / Attendance</td><td>25%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>Final Examination</td><td>50%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>Total</td><td>100%</td><td></td><td></td><td></td><td></td></tr>
</table>

Students would be given regular feedback on their performance, by email or as comments on assignments submitted.

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

</td></tr>
</table>

Required Student Study Effort

Activity	Method	Duration (Hours)
Class Contact	Lecture + Tutorials	39
Independent study effort:	Self study	31
	Home work	50
Total		120

Reading List and References

Ayyub, B. M. (2003) *Risk Analysis in Engineering and Economics.* Chapman & Hall.

Bai, Y. (2003) *Marine Structural Design*. Elsevier.

Ellen, E. (1993) *Ports at Risk.*Paris: International Chamber of Commerce.

Ellen, E. (1997) *Shipping at Risk: the rising tide of organised crime.*Paris: International Chamber of Commerce.

Fink, S. (2002) *Crisis Management: planning for the inevitable (2nd ed)*. Lincoln, Neb.: iUniverse.

Haimes, Y. Y. (2004) *Risk Modelling, Assessment and Management*. New York: Wiley.

Hassett, M. J. (1999) *Probability for Risk Management*. Actex.

Hertz, D. B. (1984) *Practical Risk Analysis: An approach through case histories*. New York: Wiley.

IMarE (1997) *Marine Risk Assessment: A better way to manage your business.* Conference proceedings. London: Institute of Marine Engineers.

Klugman, S. A. (2004) *Loss Models: from data to decisions (2nd ed).* Wiley-Interscience.

Kristiansen, S. (2005) *Maritime Transportation: Safety Management and Risk Analysis.* Butterworth-Heinemann.

Mars, G. D. W. (2000) *Risk Management*. England: Ashgate.

Pillay, A. (2003) *Technology and Safety of Marine Systems*. Elsevier Science.

Subject Code	LGT5064
Subject Title	Shipping Law
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	To equip the students with the knowledge of principles of law of carriage of goods and enable them to foresee legal difficulties in making business decisions and to solve some basic legal problems in shipping practice.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Understand and apply the carriage of goods law. b. Analyse legal cases and interpret legislations and legal documents. c. Develop the ability to solve real legal issues by applying the legal method and conducting legal researches
Subject Synopsis/ Indicative Syllabus	**Sea:** Carrier's rights and obligations at common law and under Hague Rules, Hague-Visby Rules, Hamburg Rules, Hong Kong Carriage of Goods by Sea Ordinance; Function of Shipping Documents including Bills of Lading, Delivery Orders, Mate's Receipts, Sea Waybills, Electronic Bills of lading; Charter parties: voyage, time and demise charterparties. **Land and Air:** Carrier's rights and obligations under CMR, COTIF/CIM and Warsaw Convention. Function of related documents including consignment notes and air waybills. **Multimodal / Combined transport:** analysis of some common standard trading conditions and international/regional conventions, e.g. the U.N. Convention on Multimodal Transportation of Goods 1980 and the Rotterdam Rules. Freight forwarding: functions of freight forwarders and relevant standard trading conditions.
Teaching/Learning Methodology	In lectures, the general principles of the syllabus topics will be presented and developed, together with guidance on further readings and activities. The blackboard will be used to provide additional learning materials and discuss different issues. In tutorials, students will have the chance to practice the legal method through the discussion and analysis of legal cases.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c			
Case presentation	25%	✓	✓	✓			
Assignment	25%	✓	✓	✓			
Examination	50%	✓	✓	✓			
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Students will be asked to apply legal method to provide solutions to problems which are practical and real.

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

Student Study Effort Expected		
	Class contact:	
	▪ Lectures	26 Hrs.
	▪ Tutorials	13 Hrs.
	Other student study effort:	
	▪ Voluntary test and quiz	42 Hrs.
	▪ Further readings	45 Hrs.
	Total student study effort	126 Hrs.

Reading List and References	Chan, Felix W. H., et al, (2002) Shipping and logistics law : principles and practice in Hong Kong, 1st ed, Hong Kong: Hong Kong University Press Wilson, John F., (2010) Carriage of Goods by Sea, 7th ed, England: Pearson Education Ltd Clarke, M & Yates, D, (2008) Contracts of Carriage by Land and Air, 2nd ed, London: Informa Law Glass, D, (2004) Freight Forwarding and Multimodal Transport Contracts, 1st ed, London: Informa Professional Institute of Maritime Law, (2008) Southampton on Shipping Law, 1st ed, London: Informa Law ***Recommended periodicals, newspapers*** Journal of Maritime Law and Commerce Lloyd's Maritime and Commercial Law Quarterly Lloyd's Maritime Law Newsletter Journal of International Maritime Law Tulane Maritime Law Journal

Subject Code	LGT5065
Subject Title	Finance for Shipping and Logistics
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	To provide students with knowledge of a broad range of concepts and methods in financial and investment management and to develop skills in applying these to decision-making in shipping and logistics.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Understand a broad range of concepts and methods in financing and investment management and decision-making. b. Develop and apply appropriate financial management skills to financing and investment decision-making in shipping and logistics.
Subject Synopsis/ Indicative Syllabus	Fundamental concepts in financing and investment management and decision-making: financial statements analysis; principles of valuation; capital budgeting; cost of capital and portfolio theory; capital structure and financing; economic and industry analysis; ship ownership and registration. Sources and types of finance in shipping and logistics, bank shipping finance, ship mortgage, credit analysis in shipping finance; shipping investment, shipping industry analysis, shipping cost and profitability, managing and hedging shipping risks.
Teaching/Learning Methodology	**Lecture:** study basic concepts and techniques in financial decisions. **Case study:** put the concepts and techniques into context. **Group project:** learn to apply basic financial techniques to logistics/maritime industry; study selected topics in-depth.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b				
Coursework	50%	✓	✓				
Final examination	50%	✓	✓				
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

The coursework includes a participation (5%), an assignments (15%, for basic concepts and methods), and a group project (30%, for students apply the basic skill to real world situation). Examination is to test students' basic concepts and methods and their ability to apply basic skills to solve problems.

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

Student Study Effort Expected

Class contact:	
▪ Lecture (including tutorial)	36 Hrs.
▪ Case study	3 Hrs.
Other student study effort:	
▪ Group Project	42 Hrs.
▪ Reading and self-study	45 Hrs.
Total student study effort	126 Hrs.

Reading List and References

Brealey A.R, C.S. Myers, and F. Allen (2011) Principles of Corporate Finance, International Edition (10th ed), McGraw-Hill.

S. Ross, R. Westerfield, J. Jaffe, 2007, Modern Financial Management (8ed), McGraw-

Drewry Consultants (1998). Ship Finance: Choices, Competition and Risk/Reward Equations, Drewry, London.

Drewry Consultants (2001). Ship Finance and Investment. Drewry, London.

Ocean Shipping consultants Ltd (2004), Shipping profitability to 2015.

Stokes, P. (1997) Ship Finance—Credit Expansion and the Boom-bust Cycle, Lloyd's of London Press.
M. Stopford. (2009). Maritime Economics (3ed). Routledge.

Subject Code	LGT5067
Subject Title	Intermodal Transport Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	To comprehend and apply concepts of international trade and transport economics in the container transport chain via international transport.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Demonstrate relevant knowledge and understanding of the concepts of intermodal transport and the business environment in which they operated; b. Understand the current developments of relevant economical and technological issues in relation to the operations and management of intermodal transport; c. Evaluate intermodalism in an integrated form which reflects sound business practices; d. Develop approaches to defining and analyzing problems as well as formulate solutions for structured and unstructured problems in intermodal transport.
Subject Synopsis/ Indicative Syllabus	Introduction and development of intermodal transport; Containerization and the concept of container transport chain; Intermodal and the auxiliary transport system; Contemporary freight transport patterns; Managing road haulage and rail-freight operations, inland waterway, short-sea and coastal shipping; The economics of transshipment; The role of seaport and inland infrastructure in intermodal transport; Strategic analysis and current strategies of carriers in intermodal transport; Formulation of business strategies in managing intermodal transport
Teaching/Learning Methodology	Lectures supplemented by class activities such as tutorials, seminar, case discussion, and presentations. In the lectures the general principles of the syllabus will be presented and developed. Students are expected to take an active part in the learning processes.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c	d		
Coursework	50%		✓	✓	✓		
Examination	50%	✓	✓		✓		
Total	100 %						

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

Student Study Effort Expected

Class contact:	
▪ Lecture	26 Hrs.
▪ Tutorial	13 Hrs.
Other student study effort:	
▪ Project	40 Hrs.
▪ Self-study	47 Hrs.
Total student study effort	126 Hrs.

Reading List and References

Recommended textbooks

1. Lun Y.H.V., Lai K.H. and Cheng T.C.E., 2009, *Container Transport Management*, Shipping and Transport Logistics Book Series, Inderscience
2.Lun Y.H.V., Lai K.H and Cheng T.C.E. 2010*, Shipping and Logistics Management*, Springer

References

1.Stopford Martin, 2009, *Maritime Economics*, Routledge
2. Goulielmos A.M., Lun Y.H.V., Ng C.T. and Cheng T.C.E., 2010, *The Business of Shipping*, Shipping and Transport Logistics Book Series, Inderscience
3.Lowe David, 2005, *Intermodal Freight Transport*, Elseiver
4.Branch Alan, 2008, *Elements of Shipping*, Routledge

Subject Code	LGT5071
Subject Title	Ship Chartering Strategies
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	An overview study of ship-brokering and chartering strategies, with a focus on the applications of knowledge and skills acquired from previous subjects in the context of the maritime transport environment (e.g. law, economics, finance, trading, marketing, and operations).
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Understand the concept and major processes of “ship chartering”. b. Analyse a chartering. c. Obtain a general understanding of related shipping markets. d. Discuss chartering strategy at corporate level. Studying this subject will also help develop students’ relevant communication skills in chartering.
Subject Synopsis/ Indicative Syllabus	Ships; Chartering alternatives, Charter markets, Chartering market practices; Financial elements of charterparties; Voyage estimation; Laytime counting and calculation; Ship sale and purchase; Tanker chartering; Containership chartering; Port agency; Freight derivatives.
Teaching/Learning Methodology	The teaching approach will be a combination of lectures, class discussions and assignments on assigned topics and case analysis. Basic concepts and technical knowledge of brokering and chartering will be covered in lectures. Cases and examples will be discussed in tutorials. Students are expected to read the relevant text materials before lectures and tutorials. Students are encouraged to contact the lecturer or the tutor for any problems related to the subject

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c	d		
Coursework	50%	✓	✓	✓	✓		
Examination	50%	✓	✓	✓	✓		
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

A group assignment will be designed to analyse chartering decisions of a real corporate.

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

Student Study Effort Expected

Class contact:	
▪ Lecture	26 Hrs.
▪ Tutorial	13 Hrs.
Other student study effort:	
▪ Assignment 1	45 Hrs.
▪ Assignment 2	42 Hrs.
Total student study effort	126 Hrs.

Reading List and References	***References***

Alizadeh, A. H. and Nomikos, N. K. (2009). *Shipping Derivatives and Risk Management*. Palgrave MacMillan.

BIMCO (2009), *Check before Fixing*, Copenhagen, BIMCO.

Collins, N. (2000) *The Essential Guide to Chartering and the Dry Freight Market*, Clarksons Research Studies.

Gorton L., Hillenius P., Ihre R., and Sandevarn A. (2009) *Shipbroking and Chartering Practice* (7th Edition) Lloyds of London Press.

Grey J. (1990), *Shipping Futures*, London, LLP.

ICS (2013) ICS Tutorship Series. Institute of Chartered Shipbrokers.

Kavussanos, M. G., and Visvikis I. D. (2006). *Derivatives and Risk Management in Shipping*, London: Witherbys.

Latarche, M. (1998) *Port Agency*. Witherby.

Lorange, P. (2004). *Shipping Company Strategies*. Elsevier.

Lorange, P. (2009). *Shipping Strategy: Innovating for Success*. Cambridge University Press.

McConville, J. (1999) *Economics of Maritime Transport: Theory and Practice*. Witherby.

Packard W. (1978). *Voyage Estimating*, London: Fairplay.

Packard W. (1979). *Laytime Calculating*, London: Fairplay.

Packard, W. V. (1995) *Shipping Pools* (2nd edition). Lloyds of London Press.

Panayides, P.M. (2014). *Principles of Chartering*. CreateSpace Independent Publishing Platform.

Strong, M. and P. Herring (2009) *Sale of Ships: The Norwegian Saleform (2nd edition)*. Thomson.

Wilson J. F. (2008), *Carriage of Goods by Sea*, Pearson.

Periodicals

Marine Money

Lloyd's List

Fairplay- The International Shipping Weekly

Maritime Transport, OECD publication
Seatrade Maritime Review

Subject Code	LGT5072
Subject Title	Liner Shipping Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	This subject is designed to help students gain knowledge of logistics and strategic managements in liner shipping companies, and establish full understanding of current developments in liner shipping sector.
Subject Learning Outcomes	The aim of this subject is to meet the demand in the shipping and logistics industry for professional managers. On successfully completing this subject, students will be able to: a. Demonstrate relevant professional knowledge and understanding of liner shipping business, b. Analyze and integrate the inter-relationships among the various components of subject matters in liner shipping for effective problem solving. Students are expected to be able to demonstrate a range of cognitive and intellectual skills together with techniques specific to the management of liner shipping.
Subject Synopsis/ Indicative Syllabus	Supply and demand of container trade. Structure of liner companies and market behaviour. The strategies of liner companies and competition issues in liner shipping. Technical and operations management in liner shipping. Ship type and market role. Optimal ship size and shipping costs. The development of fleet of container ship. Economies of scale in ship capacity. The logistics of container transport networks. The formation of shipping pools, consortium and alliances. Routes selection criteria such as Multi-port calling verse trans-shipment. Demise in Liner conference system, UN Liner code, CSI, ISPS code and related government policies. Service contract and pricing mechanism. Structure of freight rates. Selection of equipment and container leasing.. Port costs and charges. E-commerce in container shipping. Chartering in the liner sector. Market structure and key influences in liner chartering.
Teaching/Learning Methodology	Lectures supplemented by small group activities such as tutorials, seminar, and presentations. Students are expected to take an active part in the learning process. Blackboard will be used extensively.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b				
Coursework	50%	✓	✓				
Examination	50%	✓	✓				
Total	100 %						

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

Student Study Effort Expected

Class contact:	
▪ Lecture	26 Hrs.
▪ Tutorial	13 Hrs.
Other student study effort:	
▪ Self Study	87 Hrs.
▪	Hrs.
Total student study effort	126 Hrs.

Reading List and References

Recommended Textbooks

Brooks, M.R. (2000), *Sea Change in Liner Shipping*, Pergamon, London.

Brooks. M. R., (2002), *Maritime Transport*, Edward Elgar

Talley W., (2012), *The Blackwell companion to maritime economics*, John Wiley & sons

Buckley, James J., (2008), *The business of shipping*. Centreville, Md., Cornell Maritime Press

Drewry Shipping Consultants (2000), *Container Market Outlook: High Risk & High Stakes: Where is the Payback?* Drewry, London.

Drewry Shipping Consultants (2002), *Container Leasing: Seeking out the Opportunities*, Drewry, London.

Graham, M.G. (1985), *Containerisation in the Eighties*, Lloyd's of London Press, London.

	Greve, Majbritt. (2007), *Container shipping and economic development : a case study of A.P. Moller - Maersk in South East Asia*, Copenhagen : Copenhagen Business School Press, Lloyd's List (2001), *Container Shipping: Executive Summit III*, 28-29 November 2001, Island Shangri-La, Hong Kong SAR. Publisher IBC Asia Ltd. Nair R (2009), Economic regulation and structural changes: liner shipping industry, Saarbwcken, Muller Pozdnakova. A (2008), Liner shipping and EU competition law, alphen aan den Rijn, Kluwer Law International Sjeetnan, Karen (1999), *The Future of Container Shipping Industry*. A Cargo Systems Report. Stopford, Martin. (2009),*Maritime economics***,** Abingdon ; New York : Routledge, ***Other publications*** Containerisation International Dynamar B.V. (2003), Container Liner Operators: Trading Profiles [in Disc format] Fairplay - The International Shipping Weekly Maritime Economics and Logistics Journal Maritime Policy and Management Maritime Transport, OECD Publication

Subject Code	LGT5073
Subject Title	Risk Management in Operations
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/	None, but knowledge of elementary business statistics and probability will be advantageous.
Exclusion	ISE548 Risk and Crisis Management
Role and Purposes	This subject seeks to develop the knowledge and analytical skills necessary in organizations related to logistics, maritime trade or those with a strong emphasis on operations and quality management, for making risk management decisions and ensuring business continuity, through the application of risk management principles.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: e. Analyze risks in operations, by applying basic principles and techniques of risk management. f. Comprehend risk management assessment, identify appropriate risk management solutions and to effectively implement them. g. Use risk management concepts to devise appropriate risk management and business continuity (contingency) plans. h. Be familiar with risk management in operations to a level that is adequate for continued self-enhancement of knowledge and practical applications of the subject.
Subject Synopsis/ Indicative Syllabus	**Introduction and Concepts in Risk Management** Definitions of risk, concepts in risk management, identifying assets that need risk management, responsibility for risk management. Identification of positive and negative risks. **Identifying and Managing risks** Business process risks, market risks, organizational risks, socio-economic and environmental risks. Controllable and uncontrollable risks, low-frequency and random risks, management of risks. **Assessing Risks** Perceptions of risks, strategic and tactical approaches to risks, assessing various types of risks, Limitations of qualitative and quantitative risk assessments and the considerations for selection.

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Risk reduction strategies

Risk management strategies: risk avoidance, risk reduction, risk acceptance, risk transfer, insurance, identification, evaluation and ranking of risk reduction measures. Overview of risk culture and risk attitude.

Risk mitigation measures / Business continuity planning

Contingency planning, crisis management, responding to disasters and risk events.

Risk management plans

Cost of risk management, perceptions of risk and political factors, regulations and their effects on risk management, Security threats and insurance costs.

Safety and Security risks

Safety and security risks, human factors, security threats to logistics / shipping, piracy, terrorism, impact of disruptions in shipping, resilience and vulnerability of shipping / logistics networks.

International Standards and Regulatory Requirements

International standards, regulatory requirements and best practices for business continuity.

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<tr><td>Teaching/Learning Methodology</td><td>

Lectures introduce and explain key theoretical risk-related concepts. Lectures are followed by class discussions where concepts are linked to real events in the industry through appropriate examples and their analysis.

Discussions are highly interactive and include discussions of current / past events, case studies, and student presentations. Students are expected to actively participate in the classes and to share their experience and learn from each other.

</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>

<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td></td><td></td></tr>
<tr><td>Continuous Assessment</td><td>50 %</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>1. Group presentation</td><td>25 %</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr>
<tr><td>2. Group written report</td><td>25 %</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr>
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	Final Examination	**50 %**						
	1. Final examination	50 %	✓	✓	✓	✓		
	Total	**100 %**						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Since the course focuses on risk management in operations, case analysis and learning from practical, work-based experiences forms an important constituent of student assessment. Further, assignments and class discussions reinforce theoretical concepts learnt during the lectures and enable their applications in real-life operational situations. Final examination is to assess student's familiarity with theoretical concepts and the ability to apply conceptual framework in case analysis.

Students would be given regular feedback on their performance, by email or as comments on assignments submitted.

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

Student Study Effort Expected		
	Class contact:	
	▪ Lectures and Tutorials	39 Hrs.
	Other student study effort:	
	▪ Self study for preparing lectures, tutorials and final examination	45 Hrs.
	▪ Preparation for group assignment	42 Hrs.
	Total student study effort	126 Hrs.

Reading List and References	**Main Reference Books** Blunden, T & John Thirlwell. (2010). Mastering operational risk. Harlow, England ; New York : Financial Times Prentice Hall Devlin, E.S. (2007) *Crisis management planning and execution.* Boca Raton, FL: Auerbach Publications, c2007. Haimes, Y. Y. (2004) *Risk Modeling, Assessment and Management*. New York: Wiley. Handfield, R.B. & Kevin McCormack (ed.) (2008) *Supply chain risk management: minimizing disruptions in global sourcing*. Roca Raton, Fla.: Auerbach Publications. Hubbard, D.W. (2009) *The failure of risk management: why it's broken and how to fix it*. Hoboken, N.J.: J. Wiley & Sons. Oliver, E. Clifford. (2011) Catastrophic disaster planning and response [electronic resource].Boca Raton: CRC Press. Trim, Peter R.J & Jack Caravelli (ed.) (2009). *Strategizing resilience and reducing vulnerability*. New York: Nova Science Publishers, c2009. **Main Reference Journals** Journal of Business Continuity & Emergency Planning Institute of Risk Management (IRM) The Public Risk Management Association, US (PRIMA) The Public Risk Management Association, UK (ALARM) Association of Insurance and Risk Managers

Subject Code	LGT5101
Subject Title	Statistics for Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	▪ To introduce students to statistics as a tool for data preparation and analysis. ▪ To impart on students the concepts, theories and techniques of a variety of statistical methods. ▪ To develop students' ability and confidence in the use of statistics for preparing and analyzing data to support management decision making.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Able to use statistics for preparing and analyzing data to support management decision making b. Understand the concepts, theories and techniques of a variety of managerial statistics
Subject Synopsis/ Indicative 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** Discrete distribution; Continuous distribution; 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. Inference about a population; Inference about comparing two populations.

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Analysis of Variance

One-way analysis of variance

Linear Regression and Correlation
Least squares method; coefficient of correlation.

Multiple Regression
Applications of multiple regression equation; inferences about parameters.

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<tr><td>Teaching/Learning Methodology</td><td>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.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>

<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Continuous Assessment</td><td>50 %</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Examination</td><td>50 %</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
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Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Students need to do a group case study, testing whether they know how to apply the theories learnt to some real life situations. Mid-term test and examination are also required to test their understanding and familiarity with the knowledge.

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

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<tr><td>Student Study Effort Expected</td><td>

<table>
<tr><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lectures</td><td>26 Hrs.</td></tr>
<tr><td>▪ Tutorials</td><td>13 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Reading and doing exercises</td><td>87 Hrs.</td></tr>
<tr><td>▪</td><td>Hrs.</td></tr>
<tr><td>Total student study effort</td><td>126 Hrs.</td></tr>
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Reading List and References	Levine, D.M., Stephan, D.F. and Szabat, K.A., *Statistics for Managers Using Microsoft Excel*, 7th edition, Pearson, 2014. McClave, J. T., Benson, P. G. and Sincich, T.T., *Statistics for Business and Economics*, 12th edition, Pearson, 2014. Gerald, K., *Managerial Statistics: abbreviated*, 9th edition, Australia: South-Western, 2012. Hair, J.F. *et al.*, *Multivariate Data Analysis*, 7th edition, Pearson, 2006. 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
Level	5
Normal Duration	1-semester
Exclusion	MGT532 Deterministic Operations Research
Role and Purposes	c. To introduce students to the methodology of management science as a scientific approach to managerial decision making. d. To impart on students the concepts, theories and techniques of a variety of management science methods. e. To develop students' ability and confidence in the use of management science methods for solving management decision problems.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Understand the methodology of management science as a scientific approach to managerial decision making. b. Understand the concepts, theories and techniques of a variety of management science methods. c. Develop the ability and confidence in the use of management science methods for solving management decision problems.
Subject Synopsis/ Indicative Syllabus	**Introduction** Applications and impact; history; rise of business analytics; management science modeling approach. **Linear Programming** Formulation; graphical solution; simplex algorithm; sensitivity analysis; applications; trasportation and assignment application, goal programming. **Transportation and Assignment Problems** Modified simplex method; Hungarian method. **Integer Programming** Formulation; Branch and Bound method; applications. **Network Models** Minimum spanning tree problems; shortest path problems; network flow problems. **Queueing models** Examples of queueing systems; performance measures; Little's law; single/multiple servers models; priority models; economic analysis. **Dynamic Programming** Resource allocation problems; inventory problems; formulation;

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<tr><td></td><td>applications.

Case Study
Application of management science models in real-life managerial decision making.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>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.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td></td><td></td><td></td></tr>
<tr><td>Continuous Assessment</td><td>50 %</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr>
<tr><td>Examination</td><td>50 %</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
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Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Students need to do a group case study, testing whether they know how to apply the theories learnt to some real life situations. Mid-term test and examination are also required to test their understanding and familiarity with the knowledge.

To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.</td></tr>
<tr><td>Student Study Effort Expected</td><td>
<table>
<tr><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lectures</td><td>26 Hrs.</td></tr>
<tr><td>▪ Tutorials</td><td>13 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Revision, doing exercises and cases</td><td>87 Hrs.</td></tr>
<tr><td>▪</td><td>Hrs.</td></tr>
<tr><td>Total student study effort</td><td>126 Hrs.</td></tr>
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Reading List and References	***Reading List & References*** F.S. Hillier and M.S. Hillier, Introduction to Management Science, latest edition, McGraw Hill 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. Render, B., Stair, R.M.Jr. and Greenberg, I., *Cases and Readings in Management Science*, latest ed., Allyn and Bacon. Winston, W.L., *Operations Research: Algorithms and Applications*, latest ed., Duxbury Press. ***Journals*** Interfaces OR/MS Today

<table>
<tr><td>Subject Code</td><td>LGT5113</td></tr>
<tr><td>Subject Title</td><td>Enterprise Resource Planning</td></tr>
<tr><td>Credit Value</td><td>3</td></tr>
<tr><td>Level</td><td>5</td></tr>
<tr><td>Normal Duration</td><td>1-semester</td></tr>
<tr><td>Pre-requisite / Co-requisite/ Exclusion</td><td>Nil</td></tr>
<tr><td>Role and Purposes</td><td>To enable students to:
• Understand the basic concepts and issues of ERP systems;
• be able to discuss issues in the current IT environment for ERP systems; and
• Develop students' ability and confidence in planning and executing ERP projects.
• Be familiar with the basic usage of ERP systems</td></tr>
<tr><td>Subject Learning Outcomes</td><td>Upon completion of the subject, students will be able to:

a. A grasp of basic concepts and issues of ERP systems
b. A basic understanding of the adoption of ERP systems to enhance operational efficiency
c. A basic understanding of ERP planning and implementation
d. A grasp of basic functions and usages of ERP systems</td></tr>
<tr><td>Subject Synopsis/ Indicative Syllabus</td><td>
<table>
<tr><th>Topics</th><th>Sub-topics</th><th>Tutorial Topics</th></tr>
<tr><td rowspan="2">Introduction to ERP, and System and Technology Background</td><td>Introduction to the course
Introduction to ERP and ERP Life Cycle</td><td>Tutorial 1:
SAP Demonstration, UAC Registration, Opening Survey</td></tr>
<tr><td>ERP Market Awareness- History, Present, and Future</td><td>Tutorial 3: SAP Startup and Navigation</td></tr>
<tr><td>Business Process Management and ERP</td><td>Business Functions and Business Process
Business Process Modelling</td><td>Tutorial 2: Business Process Modeling</td></tr>
<tr><td rowspan="3">Management with ERP systems (Part 1)</td><td>Business Data Management in ERP</td><td>Tutorial 4: Master Data in SAP</td></tr>
<tr><td>Sales and marketing management with ERP</td><td>Tutorials 5&6: Sales and Distribution in SAP (1)(2)</td></tr>
<tr><td>Accounting and finance management with ERP</td><td>Tutorial 6: Accounting and Controlling in SAP</td></tr>
<tr><td rowspan="2">ERP Life Cycle (Part 1)</td><td>ERP Initiatives</td><td></td></tr>
<tr><td>ERP Selection</td><td></td></tr>
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	Management with ERP systems (Part 2)	Procurement management with ERP	Tutorial 7: Material Management in SAP
		Production Management with ERP	Tutorial 8: Production Planning in SAP
	ERP Life Cycle (Part 2)	ERP Implementation	
	Project Presentation and Course Review	ERP After-Implementation	
		Course Review	

Teaching/Learning Methodology

- During lectures, basic concepts of ERP and ERP systems will be introduced, and case studies will be discussed.
- During tutorials, students will be guided to practice applications and usages of ERP systems in a computer lab.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c	d		
1. Coursework	50%		✓	✓	✓		
2. Examination	50%	✓	✓	✓			
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

The coursework includes a series of tutorial exercises of using ERP systems, assignments and case studies, and a group project about ERP implementation in real business. They are used to assess the intended outcomes 1-4. The final exam is based on questions relevant to basic concepts of ERP and a case study about the ERP life cycle, which are relevant to intended outcomes 1-3.

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

Student Study Effort Expected

Class contact:	
▪ Lecture	26 Hrs.
▪ Tutorials	13 Hrs.
Other student study effort:	
▪ Group Project	45 Hrs.
▪ Self-Study	42 Hrs.
Total student study effort	126Hrs.

Reading List and References	Monk, Ellen and Wagner, Bret J., *Concepts in Enterprise Resource Planning*, 4th Edition, Course Technology Cengage Learning, 2013 O'Leary, Daniel E., *Enterprise Resource Planning Systems: Systems, Life cycle, Electronic Commerce, and Risk*, Cambridge University Press, 2000 Buck-Emden, R., *The SAP R/3 System, An Introduction to ERP and Business Software Technology*, Addison-Wesley, 2000. Curran, T. A. Ladd, A., *Business Blueprint: Understanding Enterprise Supply Chain Management,* Prentice Hall, 2000. Curran, T. A., Ladd, A. and Ladd, D., *SAP R/3, Reporting & eBusiness Intelligence*, Prentice Hall, 2000. Norris G., Hurley, J., Hartley, K. Dunleavy, J. Balls, J., *E-Business and ERP: Transforming the Enterprise*, New York: John Wiley, 2000. Wyzalek, J., *Enterprise Systems Integration*, Auerbach Publications, 2000.

Subject Code	LGT5122
Subject Title	Applications of Decision Making Models
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite/ Co-requisite/ Exclusion	Preferably with knowledge of LGT5102 “Models for Decision Making”
Role and Purposes	1. To impart on students the skills in applying the concepts, theories and techniques of a variety of management science methods. 2. To develop students’ ability and confidence in solving management decision problems, particularly paying attention to the practical considerations.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Understand the range of practical application of management decision analysis techniques, the characteristics of successful application, and the limitations of the techniques. b. Develop skills in analyzing complex operations problems, using quantitative techniques as appropriate. c. Tackle a management decision situation from different angles of view, hence develop the creative thinking and be more critical to evaluate the outcomes of different decisions.
Subject Synopsis/ Indicative Syllabus	Decision scope: find out a clear scope of decision required. How to evaluate different decisions: identify the objectives; there may be conflicting objectives. Model the situation: search for appropriate analytical or heuristic methods to solve the problem; understand the limitations of each method. Analysis of results: cost and benefits analysis; sensitivity analysis.
Teaching/Learning Methodology	Mainly through small group discussions. Students will be guided throughout the discussion process, particularly addressing on the following issues: 1. How to start to tackle a complicated situation? 2. How to understand the data given and link up the relationship among data? 3. Point out mistakes when applying different methods. 4. How to apply what they have learnt in other subjects to a real situation?

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c			
Continuous Assessment*	**100%**						
2 Group cases	40%	✓	✓	✓			
1 Individual case	30%	✓	✓	✓			
Class participation	30%	✓	✓	✓			
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 the Continuous Assessment components.

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

This subject will be dealing with cases in every session and students will learn through undergoing this process. There is no examination in this subject. Therefore performance in class through participating in discussion is most important and is allocated with the most major part in the assessment. There will also be 2 group case studies to be assessed. But in order to distinguish more on the individual effort, there is another individual case study.

Student Study Effort Expected

Class contact:	
▪ Small group discussions	26 Hrs.
▪ Lectures	13 Hrs.
Other student study effort:	
▪ Preparation for lectures	45 Hrs.
▪ Preparation for assignment / group project and presentation	42 Hrs.
Total student study effort	126Hrs.

Reading List and References	Hillier F.S. & Hillier M.S., Introduction to Management Science: A Modeling And Case Studies Approach With Spreadsheets, latest ed. Klassen, R. D., Menor, L. J., Cases in Operations Management, Sage publication, 2006 Lapin L.L. and Whisler W.D., *Cases in Management Science*, Duxbury, 1996 ***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	LGT5131
Subject Title	Warehousing and Materials Management
Credit Value	3
Level	5
Normal Duration	1-semester
Exclusion	ISE512 Warehousing and Material Handling Systems
Role and Purposes	To provide students with the methods and tools necessary for the design and management of warehousing, materials handling systems, and inventory control. In particular, this subject emphasizes aspects of logistics and supply chain management in warehousing, the handling of products, and control of inventories. On completion students will be able to both analyze existing systems and recommend improvement solutions.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Design and manage warehousing, material handling and inventory control systems. b. Improve existing warehousing, material handling and inventory control systems.
Subject Synopsis/ Indicative 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. Advanced computer aided storage and picking systems. Critical analysis and measurement on the efficiency of warehousing 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 processes. Inventory planning and control. Advanced EOQ models and safety stock. Fixed order quantity inventory control. Fixed order cycle inventory control. Just-in-time scheduling. Warehouse quality system and management. Warehouse safety and security system design and implementation.
Teaching/Learning Methodology	Concepts, theories and key issues will be introduced to students in 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 analyze some contemporary issues.

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<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Continuous Assessment</td><td>50%</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Examination</td><td>50%</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

The achievement of the two learning outcomes will be dependent on students' knowledge in conceptual theories and ability to apply certain quantitative techniques.

Since examination is effective in assessing the knowledge level in conceptual theories and continuous assessment (including assignments and projects) is effective in assessing the ability in applying techniques, both methods will be needed to assess the two outcomes of this subject.

To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.
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<tr>
<td>Student Study Effort Expected</td>
<td>
<table>
<tr><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lectures</td><td>26Hrs.</td></tr>
<tr><td>▪ Seminars</td><td>13Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Preparation for lectures and seminars</td><td>45 Hrs.</td></tr>
<tr><td>▪ Preparation for assignments/projects</td><td>42 Hrs.</td></tr>
<tr><td>Total student study effort</td><td>126 Hrs.</td></tr>
</table>
</td>
</tr>
</table>

Reading List and References	Wood, D.F., Wardlow, D.L., Murphy, P.R., Johnson, J.C., (the latest edition) *Contemporary Logistics*, Prentice Hall, Upper Saddle River, N.J. Frazelle, E., (the latest edition) *World-Class Warehousing and Material Handling*, McGraw-Hill, Boston. Render, B., Stair, R.M. Jr., (the latest edition) *Quantitative Analysis for Management*, Prentice-Hall. Francis, R.L., McGinnis, L., and White, J.A., (the latest edition) *Facility Layout and Location: An analytical Approach*, Prentice-Hall, Englewood Cliffs, NJ. Mulcahy, D., (the latest edition) *Warehouse Distribution & Operations Handbook*, McGraw-Hill, Boston. Ackerman, K.B., (the latest edition) *Practical Handbook of Warehousing*, Chapman & Hall, New York Stephens, M.P., Meyers, F.E., (the latest edition) *Manufacturing Facilities Design and Material Handling*, Prentice Hall.

<table>
<tr><td>Subject Code</td><td>LGT5152</td></tr>
<tr><td>Subject Title</td><td>Information Systems for Supply Chain Management</td></tr>
<tr><td>Credit Value</td><td>3</td></tr>
<tr><td>Level</td><td>5</td></tr>
<tr><td>Normal Duration</td><td>1-semester</td></tr>
<tr><td>Exclusion</td><td>ISE527 Logistics Information Systems</td></tr>
<tr><td>Role and Purposes</td><td>The objective of this subject is to better prepare the student to meet the following challenges:

• Understand the managerial issues concerning the integration of information systems and supply chain management.
• Provide solutions to the issues which are relevant to the design, management and improvement of IT-enabled supply chain systems.
• 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.</td></tr>
<tr><td>Subject Learning Outcomes</td><td>Upon completion of the subject, students will be able to:

a. 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.

b. Being able to illustrate how the management of supply chains can be enhanced through the use of a number of information technologies and systems.

c. 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.</td></tr>
<tr><td>Subject Synopsis/ Indicative Syllabus</td><td>
<table>
<tr><th>Topics</th><th>Sub-topics</th></tr>
<tr><td rowspan="2">Basic Concepts on Information Systems and Supply Chain Management</td><td>Course Introduction</td></tr>
<tr><td>Information systems for global business</td></tr>
<tr><td>Information Technology Infrastructure of Information Systems for Supply Chain Management</td><td>IT Fundamentals on hardware and software, networks, and database</td></tr>
</table>
</td></tr>
</table>

	Strategic impact of information systems	Information Resources, Strategic value of IS: Porter's Generic Model, Five Force's Model, Value Chain Model, IS for Hyper-competition
	Key Applications of Information Technology & Information Systems for Supply Chain Management (1)	Data Processing for Supply Chain Management: RFID, EDI, Data Management
		Achieving Operational Excellence: SRM, ERP, CRM
		E-Commerce: Digital Markets, Digital Goods
	Information Systems Project: Development and Management	Designing and Building Information Systems
		IS Project Management
	Key Applications of Information Technology & Information Systems for Supply Chain Management (2)	Enhancing Decision Making: Business Intelligence and Decision Support System
	Project Presentation and Course Review	

Teaching/Learning Methodology

- During lectures, basic concepts of ERP and ERP systems will be introduced.
- During tutorials, students will be guided to discuss case studies will be discussed.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c			
Coursework	50%		✓	✓			
Examination	50%	✓	✓				
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

The coursework includes assignments of case studies, and a group project. They are used to assess the intended outcomes 2 and 3 respectively. The final exam is based on questions relevant to basic concepts of ERP and a case study about information system management, which are relevant to intended outcomes 1 and 2.

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

Student Study Effort Expected	Class contact:	
	▪ Lecture	26 Hrs.
	▪ Tutorial	13 Hrs.
	Other student study effort:	
	▪ Assignment and Self Study	45 Hrs.
	▪ Group Project	42 Hrs.
	Total student study effort	126 Hrs.
Reading List and References	Laudon, K.C., and Laudon, J.P., Management Information Systems : Managing the Digital Firm, 13rd Edition, Pearson/Prentice Hall, 2014 Technology Forecast: 2002-2004, Volume 1 Navigating the Future of Software, PriceWaterhouseCoopers, 2002. 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. Managing the Supply Chain: The Definitive Guide for the Business Professional by David Simchi-Levi, et al., (2003). Manufacturing planning and control systems for supply chain management : The Definitive Guide for Professionals by Thomas E Vollmann, et al, 2004. New Directions in Supply-Chain Management: Technology, Strategy, and Implementation by Tonya Boone (Editor), Ram Ganeshan (Editor) 2002. ERP:Making It Happen: The Implementers' Guide to Success with Enterprise Resource Planning by Thomas F. Wallace, Michael H. Kremzar, 2001.	

Subject Code	LGT5160
Subject Title	Derivatives and Risk Management in Shipping
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	The growing trend of globalization and internationalization increases a wide array of risks to enterprises. Thus, more and more enterprises are entering into risk management practices for their business as management realizes that often the survival of enterprises amongst competitors is largely and highly dependent on the effective management of risks that they face. This is particularly true and important for shipping industry as the high volatility and cyclicality in freight rates, bunker prices, vessel values, foreign exchange rates, interest rates etc. make risk management a vital issue and take a central role in the effective strategic management of enterprises. Shipping derivatives have been developed as one of the most effective tools to manage risks in a flexible manner and with positive repercussions in a number of directions. If managed effectively, the use of shipping derivatives is not solely for the risk management of negative risks, but also for enhancing investment opportunities of positive risks in shipping. This subject is designed to provide students with a full and complete understanding and knowledge of how shipping derivatives can be used in the day-to-day management of both negative risks for risk management and positive risks for investment purposes, through both traditional and derivatives strategies, emanating from fluctuations in freight rates, bunker prices, vessel prices, scrap prices, interest rates, and foreign exchange rates in the shipping industry.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. understand and analyze the basic sources of business risks and traditional risk management strategies at both the investment and operational level in shipping, b. deal with and comprehend the practical applications of various types of derivatives products for managing typical risks in shipping, c. make rational decisions to use derivatives for risk management and investment purposes as compared with traditional methods of risk management, and d. be familiar with derivatives and risk management in shipping to a level that is adequate for continued self-enhancement of knowledge and practical applications of the subject.

<table>
<tr><td>Subject Synopsis/ Indicative Syllabus</td><td>This subject is designed to cover the following modules and key topics in the shipping industry:
1. Fundamentals of shipping risks,
2. Risk management strategies in the shipping industry,
3. Development, growth and mechanics of derivatives markets,
4. Principles and practices of derivatives,
5. Freight derivatives and risk management,
6. Bunker price derivatives and risk management,
7. Vessel value and derivatives and risk management, and
8. Foreign exchange and interest rate derivatives and risk management.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>1. Lectures are used to cover, introduce and explain all the key concepts, principles, practices and practical applications of the modules and key topics of this subject in details.
2. To strengthen the students' knowledge of the practices and practical applications of derivatives, guest instructor will be invited to deliver at least one lecture.
3. Tutorials are highly interactive to include discussions, case studies, quiz questions, and students' group presentations and discussions. Students are expected to actively participate and involve in the tutorials to share their experiences, and what they have learned and the insights that they have obtained from the lectures.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td></td><td></td></tr>
<tr><td>1. Individual essay assignment</td><td>25%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr>
<tr><td>2. Group presentation</td><td>25%</td><td></td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr>
<tr><td>3. Examination</td><td>50%</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>

Explanation of the appropriateness of the assessment methods/tasks in assessing the intended learning outcomes:

<u>Coursework (50%) – a combination of academic learning and practical applications</u>: individual essay assignment and group presentation</td></tr>
</table>

<table>
<tr><td></td><td colspan="2">1. Individual essay assignment: essay in 2,500 words on selected topics in Derivative and Risk Management in Shipping.

2. Group presentation and discussion to examine a case study to display and demonstrate the students' ability to apply the practical applications that the students have acquired in the subject to which the case study is linked.

<u>Examination (50%)</u>: 3-hour examination testing students' analytical, integrative thinking and knowledge, and practical applications in Derivative and Risk Management in Shipping.

Note: To pass this subject, students are required to obtain Grade D or above in both the Coursework and Examination components.</td></tr>
<tr><td rowspan="6">Student Study Effort Expected</td><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lectures</td><td>26 Hrs.</td></tr>
<tr><td>▪ Tutorials / class discussions</td><td>13 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Private studies
▪ Preparation for lectures and tutorials/class discussions
▪ Preparation of coursework and final examination</td><td>87 Hrs.</td></tr>
<tr><td>▪ Total student study effort</td><td>126 Hrs.</td></tr>
<tr><td>Reading List and References</td><td colspan="2"><u>Main Reference Books</u>

1. Kavussanos, M.G and Visvikis, I.D. (2006). Derivative and risk management in Shipping. London. UK: Witherby Publishing.
2. Alizadeh, A.H. and Nomikos, N.K. (2009). Shipping derivative and risk management. Hampshire, UK: Palgrave Macmillan.
3. Gray, J. (1990). Shipping futures. London, UK : Lloyd's of London Press.
4. Gray, J. (1986). Financial risk management in the shipping industry. London, UK: Fairplay Publications.
5. Kavussanos, M.G and Visvikis, I.D. (2011). Theory and practice of shipping freight derivatives. London, UK: Risk Books.
6. Cockett, N. (1997). Neil Cockett on bunkers – practical guides. London, UK: LLP, pp. 237 – 259.
7. Arnold, G. (2012). Modern financial markets and institutions. Essex, UK: Pearson Education Limited.
8. Chisholm, A.M. (2010). Derivatives demystified: A step-by-step guide to forwards, futures, swaps and options, 2nd Edition. West Sussex, UK: John Wiley & Sons.
9. Sundaram, R.K. and Das, S.R. (2011). Derivatives: Principles and Practices. NY: McGraw-Hill Irwin.</td></tr>
</table>

	Main Reference Journals 1. Journal of Futures Markets 2. Maritime Policy and Management 3. Transportation Research Part E, Logistics and Transportation Review 4. International Journal of Forecasting 5. Journal of Derivatives and Hedge Funds (formerly Derivatives Use, Trading and Regulation) 6. Review of Derivatives Research 7. Journal of Banking and Finance 8. Journal of Finance 9. Marine Money 10. CFA Digest

<table>
<tr><td>Subject Code</td><td>LGT5161</td></tr>
<tr><td>Subject Title</td><td>Air Transport Regulatory Policy</td></tr>
<tr><td>Credit Value</td><td>3</td></tr>
<tr><td>Level</td><td>5</td></tr>
<tr><td>Normal Duration</td><td>1-semester</td></tr>
<tr><td>Pre-requisite</td><td>Nil</td></tr>
<tr><td>Role and Purposes</td><td>To explain general facts of the air transport industry. To describe the impact of liberalization in air transport, and to develop a profound understanding of the benefits and challenges associated with the regulation of airports and airlines.</td></tr>
<tr><td>Subject Learning Outcomes</td><td>Upon completion of the subject, students will be able to:
a. Describe the role of air transport markets worldwide and especially in Northeast Asia.
b. Understand how public and private institutions govern national and international air transport markets.
c. Appreciate the benefits of market liberalization that could be achieved in the past all over the world in air transport.
d. Understand why airlines and especially airports are subject to regulation until now.
e. Critically assess current regulatory practice in the air transport industry.</td></tr>
<tr><td>Subject Synopsis/ Indicative Syllabus</td><td>Liberalization in the ASEAN countries; Domestic deregulation in the US; Single Aviation Market in Europe; Natural monopoly; Airport concession services; Single-till and dual-till regulation; Congestion; Greenhouse gas emissions; Mergers and alliances; Double marginalization; Low cost airlines; Airline networks; Privatization; Arrow theorem; Regulatory capture.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>A combination of lectures, seminars, case studies, group discussions and students-directed learning activities will be included in this subject.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td></td></tr>
<tr><td>Coursework</td><td>40%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Examination</td><td>60%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="5"></td></tr>
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</td></tr>
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<table>
<tr><td></td><td colspan="2">Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.</td></tr>
<tr><td rowspan="6">Student Study Effort Expected</td><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lecture</td><td>26 Hrs.</td></tr>
<tr><td>▪ Tutorial</td><td>13 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Self study</td><td>87 Hrs.</td></tr>
<tr><td>Total student study effort</td><td>126 Hrs.</td></tr>
<tr><td>Reading List and References</td><td colspan="2">1. Czerny, A. I. and Zhang, A. (2015), Can market power be controlled by regulation of core prices alone?: An empirical analysis of airport demand and car rental price, Tinbergen Institute Discussion Paper TI 2015-041/VIII.
2. Czerny, A. I. and Zhang, A. (2015), Single-till versus dual-till regulation of airports, Tinbergen Institute Discussion Paper TI 2015-049/VIII.
3. Doganis, R. (2009), Flying Off Course - Airline Economics and Marketing, 4th Edition, Routledge, London.
4. Fu, X., Lei, Z., Wang, K. and Yan, J. (2015), Low cost carrier competition and route entry in an emerging but regulated aviation market – The case of China, Transportation Research Part A 79: 3-16.
5. Fu, X., Oum, T. H., Chen, R. and Lei, Z. (forthcoming), Dominant carrier performance and international liberalization – The case of Northeast Asia, Transport Policy.
6. Graham, A. (2013), Managing Airports: An International Perspective, 4th Edition, Routledge, London.
7. Stigler, G. J. (1971), The theory of economic regulation, Bell Journal of Economics and Management Science 2: 3-21.
8. Stiglitz, J. E. (2008), Government Failure vs. Market Failure: Principles of Regulation, Columbia University Academic Commons, http://academiccommons.columbia.edu/catalog/ac%3A126997.
9. Zhang, A. and Czerny, A. I. (2012), Airports and airlines economics and policy: An interpretive review of recent research, Economics of Transportation 1: 15-34.</td></tr>
</table>

Subject Code	LGT5162
Subject Title	Airline Strategic Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Nil
Role and Purposes	To provide an advanced understanding of the core concepts of strategic management and develop the student's ability to design effective strategies for airlines in a competitive environment.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Understand key theories and approaches in strategic management. b. Apply analytical tools in strategic management to the airline industry. c. Develop strategies for airlines in response to changing market environment. d. Evaluate the effectiveness of different strategies in airline management.
Subject Synopsis/ Indicative Syllabus	• Core concepts of strategic management • Key analytical tools in strategic analysis • Core competence • Low cost business model • Network airlines • Airline Alliances • Gaining competitiveness through mergers and acquisitions • Strategic evaluation
Teaching/Learning Methodology	A combination of lectures, seminars, case studies, group discussions and students-directed learning activities will be included in this subject.

<table>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td></td><td></td></tr>
<tr><td>Coursework</td><td>50%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr>
<tr><td>Examination</td><td>50%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>
Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:
To pass this subject, students are required to obtain Grade D or above in BOTH the Continuous Assessment and Exam components.
</td></tr>
<tr><td>Student Study Effort Expected</td><td>
<table>
<tr><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lecture</td><td>26 Hrs.</td></tr>
<tr><td>▪ Tutorial</td><td>13 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Self study</td><td>87 Hrs.</td></tr>
<tr><td>Total student study effort</td><td>126 Hrs.</td></tr>
</table>
</td></tr>
<tr><td>Reading List and References</td><td>
Books

Delfmann, W., Baum, H., Auerbach, S. and Albers, S. (2005) Strategic Management in the Aviation Industry, Ashgate.
Doganis, R. (2009) Flying Off Course – Airline Economics and Marketing, 4th Edition, Routledge, London.
Flouris, T. and Oswald, S. (2006) Designing and Executing Strategy in Aviation Management, Ashgate.
Holloway, S. (2008) Straight and Level: Practical Airline Economics, 3rd Edition, Ashgate: Aldershot, UK.
Johnson, G., Scholes, K. and Whittington, R. (2008) Exploring Corporate Strategy, 8th Edition, Prentice hall.
Shaw, S. (2011) Airline Marketing and Management, 7th Edition, Ashgate, Aldershot, UK.

Journal

Journal of Air Transport Management

Trade magazines

Air Transport World
Airline Business

</td></tr>
</table>

Subject Code	LGT5163
Subject Title	Aviation Marketing
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Nil
Role and Purposes	To provide students with knowledge, understanding and skills in airline and airport marketing.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Describe the characteristics of the main segments of airline and airport markets. b. Identify and explain the key issues in planning airline products and the importance of product differentiation. c. Critically assess the links between promotion, branding and customer loyalty. d. Use marketing research approaches to investigate airline and airport markets.
Subject Synopsis/ Indicative Syllabus	• The market for air transport services • Airline product analysis • Airport product analysis • Pricing and revenue management • Airline distribution strategy • Managing airline brand • Advertising and promotional strategy • Understanding consumer behaviour • Market segmentation • Airport marketing • Market research, survey design, and analytical approaches
Teaching/Learning Methodology	A combination of lectures, seminars, case studies, group discussions and students-directed learning activities will be included in this subject.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c	d		
Coursework	50%	✓	✓	✓	✓		
Examination	50%	✓	✓	✓	✓		
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

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

Student Study Effort Expected

Class contact:	
▪ Lecture	26 Hrs.
▪ Tutorial	13 Hrs.
Other student study effort:	
▪ Self study	87 Hrs.
Total student study effort	126 Hrs.

Reading List and References

Books

- Doganis, R. (2009) *Flying Off Course – Airline Economics and Marketing*, 4th Edition, Routledge, London.
- Halpern, N. and Graham, A. (2013) *Airport Marketing*, Routledge, London.
- Kotler, P. (2005) *Marketing Management*, 12th Edition, Pearson Prentice Hall, New Jersey.
- Sheehan, J. (2013). *Business and Corporate Aviation Management*, 2nd Edition, McGraw-Hill Professional.
- Shaw, S. (2007) *Airline Marketing and Management*, 6th Edition, Ashgate, Aldershot.

Journal

- Journal of Air Transport Management

Trade magazines

- Air Transport World
- Airline Business

Subject Code	LGT5164
Subject Title	Aviation Safety Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Nil
Role and Purposes	To provide the student with an understanding of the key issues in aviation safety management, the implementation of Safety Management Systems, and how safety is managed in airlines, airports and aviation-related companies.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Describe the fundamental concepts behind Safety Management Systems (SMS), as defined by ICAO and other parties. b. Select and implement techniques for the identification and management of hazards and risks. c. Understand key issues in the implementation of Safety Management Systems d. Critically assess the ways in which safety is measured and managed in airport, airline and other aviation operations.
Subject Synopsis/ Indicative Syllabus	• Safety management philosophy and implementation • Safety supervision in civil aviation • Principles of quality management • Hazard identification • Process-based safety risk management • Crisis management • Emergency response planning • Safety culture • Human factors • Managing the Safety Management Systems • Implementing an Safety Management Systems
Teaching/Learning Methodology	A combination of lectures, seminars, case studies, group workshops and students-directed learning activities will be included in this subject.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c	d		
Coursework	50%	✓	✓	✓	✓		
Examination	50%	✓	✓	✓	✓		
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

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

Student Study Effort Expected

Class contact:	
▪ Lecture	26 Hrs.
▪ Tutorial	13 Hrs.
Other student study effort:	
▪ Self study	87 Hrs.
Total student study effort	126 Hrs.

Reading List and References

Books

- Ferguson, M. and Nelson, S. (2013) *Aviation Safety: A Balanced Industry Approach*, Cengage Learning.
- ICAO (2009) *Safety Management Manual* (2nd Edition), Doc. 9859, Montreal – Downloadable from http://www.icao.int/anb/safetymanagement/documents.html.
- Rodingues, C. and Cusick. S. (2011). *Commercial Aviation Safety*, 5th Edition, McGraw-Hill Professional.
- Stolzer, A.J., Halford, C.D. and Goglia, J.J. (2008) *Safety Management Systems in Aviation*, Ashgate, Aldershot UK.
- Stolzer, A.J., Halford, C.D. and Goglia, J.J. (2013), *Implementing Safety Management Systems in Aviation*, Ashgate, Aldershot UK.

Subject Code	LGT5169
Subject Title	Airport Business Management
Credit Value	3
Level	5
Normal Duration	1-semester
~~Pre-requisite~~ / ~~Co-requisite~~/ Exclusion	LGT5069 Airport and Terminal Management
Role and Purposes	To provide an insight into the key issues crucial to the planning and management of airports.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Understand the key functions and operations of airports. b. Appreciate the airport planning and management process. c. Analyze air transport market and forecast airport demand. d. Manage airport aeronautical and commercial services.
Subject Synopsis/ Indicative Syllabus	• Airport commercialization and privatization • Airport policy in China • Airport functions and systems • Airport slot allocation • Air traffic management • Airport system planning • Airport master plan and land use planning • Airport safety and security management • Airport ground transportation planning • Air cargo management • Airport finance and commercial management • Hub development strategy • Public administration and future development of air transport • Innovations for airport business
Teaching/Learning Methodology	Lectures will be used to present the basic knowledge and how alternative skills can be applied to particular cases. Mini cases shall be used to give the students an updated view on the industry practices. Students are required to apply the knowledge and methodology learned in this course to conduct projects which are related to the management and operation of airports.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c		d	
Coursework	50%		√	√		√	
Examination	50%	√		√		√	
Total	100 %						

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

Student Study Effort Expected

Class contact:	
▪ Lecture	26 Hrs.
▪ Tutorial	13 Hrs.
Other student study effort:	
▪ Self Study	87 Hrs.
▪	Hrs.
Total student study effort	126 Hrs.

Reading List and References

Recommended Textbooks

Horonjeff, R., (2010), *Planning and Design of Airports*, McGraw-Hill
Neufville, R. and Odoni, A. (2003), *Airport Systems: Planning, Design and Management*, McGraw-Hill Professional.

Young. S., Wells. A., (2011), *Airport Planning and Management,* McGraw-hill Professional
Bradley. A., (2010), *The Independent Airport Planning Manual*, Woodhead Pub. Cambridge
Burghouwt G.,(2007), *Airline Network Development in Europe and its Implications for Airport Planning*, Ashgate, Aldershot, England

Supplementary References:

Ashford, N. (1992), *Airport Engineering*, McGraw-Hill
Ashord, N., Stanton, H. P. M. and Moore, C. A. (1997), *Airport Operations*, McGraw-Hill Professional.
Baldwin, R. (1998), *Developing the Future Aviation System*, Aldershot: Ashgate.
Belobaba P, Odoni, A, Barnhart, C., (2009) *The Global Airline Industry (Aerospace Series),* Wiley
Blow, C. J. (1996), *Airport Terminals*, 2nd Edition, Oxford: Butterworth Architecture.
Blow, C. J. (2005), *Transport Terminals and Modal Interchanges*,

Oxford: Elsevier.
Dempsey, P. S. (1999), *Airport Planning and Development Handbook: A Global Survey*, McGraw-Hill Professional.
Doganis, R., (2003*), Flying Off Course, Third Edition, The Economics of International Airlines, Routledge*
Doganis, R. (2001), *The Airline Business in the 21st Century*, Routledge.
Edwards, B. (2005), *The Modern Airport Terminal*, 2nd Edition, New York: Spon Press.
Forsyth, P. (2004), *The Economic Regulation of Airports*, Aldershot: Ashgate.
Jarach, D. (2005), *Airport Marketing: Strategies to Cope with the New Millennium Environment*, England: Ashgate.
Liu, W.M., Luk, M., (2009), *Reform and opening up: Way to the sustainable and harmonious development of air transport in China,* Transport Policy, Volume 16, Issue 5Luk, M. (2003), *Planning and Design of Air Cargo Systems*, Transport & Logistics, Proceedings of the 8th Conference of Hong Kong Society for Transportation Studies, pp 310-319
Schwieterman, J.P. (1993), Air Cargo and the Opening of China: New Opportunities for Hong Kong, Chinese University Press.
Yeh, A., Hills, P., Ng, S., (2002), *Modern Transport in Hong Kong for the 21st Century*, Centre of Urban Planning and Environmental Management, University of Hong Kong, pp 69 - 104 & 247-256

Journals

International Journal of Aviation Management
Journal of Air Transport Management
Journal of Air Transportation World Wide
Journal of Transport Economics and Policy
Journal of Transport Geography
Transportation Research Part A
Transportation Research Part D
Transportation Research Part E

Subject Code	LGT5201
Subject Title	Dissertation
Credit Value	9
Level	5
Normal Duration	1 academic year (two 13-week semesters and one 7-week summer term)*
Exclusion	LGT5202 Project
Role and Purposes	The objectives for the whole dissertation subject are: ▪ To 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; ▪ To 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; ▪ To demonstrate an understanding of relevant research literature in the dissertation topic-area; ▪ To 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. The subject includes a research methodology class to equip students with the basic skills and techniques for conducting research for a higher degree.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. Identify a research problem in real world and write research proposals. b. Conduct literature review on issues related to the problem areas. c. Apply appropriate research methodologies with sound academic rigor in data collection, analysis and interpretation of the research findings. d. Deduce the solutions to the identified problems scientifically and understand the limitations. e. Communicate the research results effectively.
Subject Synopsis/ Indicative 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;

<table>
<tr><td></td><td>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.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>Guided study programme on research methodology equivalent to 1 credit value.

Student-centred activities in the form of investigational/research work, literature review, data collection, data analysis and interpretation according to the requirements specified in the Guidelines for Dissertation (LGT5201)/Project (LGT5202) for MScISTL. The effort of these activities should be equivalent to 8 credit values.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td></td></tr>
<tr><td>Coursework</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Dissertation assessed by supervisor</td><td>45%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Dissertation assessed by moderator</td><td>35%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Viva voce</td><td>20%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>
[This new % weighting will be effective for students newly registered on this subject starting from Semester 2 of 2011/12.]

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

In order to have objective and comprehensive assessment on the student’s research work in the form of dissertation, the Final Dissertation will be assessed by the supervisor and by a moderator who is appointed by the Dissertation/ Project Co-ordinator.

In addition to these two assessments, students pursuing a Dissertation will also be appraised at the Oral Presentation (Viva Voce) by a selected panel consisting of the supervisor, the moderator and a 3rd panel member, who is also appointed by the Dissertation/ Project Co-ordinator.

All the assessment criteria are set out in the Guidelines for Dissertation (LGT5201)/Project (LGT5202) for MScISTL.

Finally, all these marks are combined and the final grade for the Subject LGT5201 Dissertation is to be determined by the Dissertation Co-ordinator according to the assessment weighting set out in the Guidelines for Dissertation (LGT5201)/Project (LGT5202) for MScISTL.</td></tr>
</table>

	To pass this subject, students are required to obtain Grade D or above in the Continuous Assessment.	
Student Study Effort Expected	Class contact:	
	▪	Hrs.
	▪	Hrs.
	Other student study effort:	
	▪ Research work	400 Hrs.
	▪	Hrs.
	Total student study effort	400 Hrs.
Reading List and References	Remenyi, D., Field methods for academic research : interviews, focus groups and questionnaires in business and management studies , Academic Publishing International , 2011. Grigoroudis, Evangelos. Customer satisfaction evaluation methods for measuring and implementing service quality , SpringerLink e-books, Springer , 2010. *Stokes, Peter, Key concepts in business and management research methods, Palgrave Macmillan , 2011.* Remenyi, D., Field methods for academic research : interviews, focus groups and questionnaires in business and management studies , Academic Publishing International , 2011. Bryman, Alan. Business research methods , Oxford University Press , 2011 , 3rd Edition. Crowther, David. Research methods : a concise introduction to research in management and business consultancy , Butterworth-Heinemann , 2009 , 2nd Edition. Eriksson, Päivi, Qualitative methods in business research , SAGE Publications , 2008.	

Subject Code	LGT5202
Subject Title	Project
Credit Value	6
Level	5
Normal Duration	1 academic year (two 13-week semesters and one 7-week summer term)*
Exclusion	LGT5201 Dissertation
Role and Purposes	To create an opportunity for the application of concepts and techniques acquired during the taught programme, in a management practitioner environment, in order to complete the formal learning experience, and to be of use to the sponsor. Concepts and techniques: ▪ To provide a testing ground for concepts presented in the taught programme. ▪ To serve as a basis for developing new concepts not covered in the literature. ▪ Management practitioner environment: ▪ Individual students or groups are involved in the development of a practical solution to a business problem provided by the sponsor; or based on a realistic case study. ▪ To provide the opportunity to identify and explore aspects of purchasing and supply management practice in specific organisational contexts. ▪ To relate the above to the knowledge and perspectives acquired during the course programme. ▪ Personal learning experience: ▪ To develop and test the students' ability to produce a coherent and extended account on a topic of considerable conceptual content. ▪ To provide an elective topic of interest to the student and his/her organisation, additional to the taught course subjects.

<table>
<tr><td>Subject Learning Outcomes</td><td>Upon completion of the subject, students will be able to:
a. Identify a research problem in real world and write research proposals.
b. Conduct literature review on issues related to the problem areas.
c. Apply appropriate research methodology in data collection, analysis and interpretation research findings.
d. Deduce the solutions to the identified problems scientifically and understand the limitations.
e. Communicate the research results effectively.</td></tr>
<tr><td>Subject Synopsis/ Indicative Syllabus</td><td>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.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>Guided study programme on research methodology equivalent to 1 credit value.
Student-centred activities in the form of investigational/research work, literature review, data collection, data analysis and interpretation according to the requirements specified in the Guidelines for Dissertation (LGT5201)/Project (LGT5202) for MScISTL. The effort of these activities should be equivalent to 5 credit values.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td></td></tr>
<tr><td>Coursework</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Project assessed by supervisor</td><td>60%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Project assessed by moderator</td><td>40%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>
</td></tr>
</table>

<table>
<tr><td></td><td colspan="2">[This new % weighting will be effective for students newly registered on this subject starting from Semester 2 of 2011/12.]

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

In order to have objective and comprehensive assessment on the student's research work in the form of project work, the Final Project Report will be assessed by the supervisor and by a moderator who is appointed by the Dissertation/ Project Co-ordinator. The assessement criteria are set out in the Guidelines for Dissertation (LGT5201)/Project (LGT5202) for MScISTL.

Finally, all these marks are combined and the final grade for the Subject LGT5202 Project is to be determined by the Dissertation/Project Co-ordinator according to the assessment weighting set out in the Guidelines for Dissertation (LGT5201)/Project (LGT5202) for MScISTL.

To pass this subject, students are required to obtain Grade D or above in the Continuous Assessment.</td></tr>
<tr><td rowspan="7">Student Study Effort Expected</td><td>Class contact:</td><td></td></tr>
<tr><td>▪</td><td>Hrs.</td></tr>
<tr><td>▪</td><td>Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Research work</td><td>270 Hrs.</td></tr>
<tr><td>▪</td><td>Hrs.</td></tr>
<tr><td>Total student study effort</td><td>270 Hrs.</td></tr>
<tr><td>Reading List and References</td><td colspan="2">Remenyi, D., Field methods for academic research : interviews, focus groups and questionnaires in business and management studies , Academic Publishing International , 2011.

Grigoroudis, Evangelos. Customer satisfaction evaluation methods for measuring and implementing service quality , SpringerLink e-books, Springer , 2010.
Stokes, Peter, Key concepts in business and management research methods, Palgrave Macmillan , 2011.

Remenyi, D., Field methods for academic research : interviews, focus groups and questionnaires in business and management studies , Academic Publishing International , 2011.

Bryman, Alan. Business research methods , Oxford University Press , 2011 , 3rd Edition.</td></tr>
</table>

Subject Code	MM501
Subject Title	Research Methods
Credit Value	3
Level	5
Normal Duration	1-semester
~~Pre-requisite/~~ ~~Co-requisite/~~ Exclusion	Research and Consultancy Techniques for CRE (BRE501) and Business Research Methods (MM5011)
Role and Purposes	This subject provides students with an opportunity to learn about the use of scientific research as a problem solving tool, and enables them to equip with the adequate knowledge and practical skills that are often required to conduct independent research in business and management fields. Specifically, this subject enables students: 1. To understand the processes of research in the management and operation of the public and private sectors, and the various approaches that are used in that research; 2. To critically review published material and other research and consultancy reports; 3. To equip with the necessary skills required to undertake a substantial supervised research project at a Master's degree level; 4. To experience the process of preparing a properly constructed proposal for a research project.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. appreciate different research paradigms; b. formulate theoretically grounded research questions; c. exhibit skills essential to the planning and conduct of rigorous research; d. demonstrate familiarity with the concepts of validity and reliability in research; e. design appropriate sampling strategies, as well as collect, analyze and interpret data in diverse research settings; f. demonstrate a systematic understanding of the range of advanced research techniques, be able to critically evaluate these techniques and apply them appropriately; g. appraise the ethical implications of implementing research programmes; h. identify the range of channels for disseminating research and demonstrate the ability to communicate research findings effectively, both orally and in written form, to the business research and practitioner communities.

Subject Synopsis/ Indicative Syllabus	**Introduction to Research** Overview of management research: basic, applied and action research. Exploratory, descriptive and causal research. Evaluations studies. Basic research paradigms: positivism and the scientific method; phenomenology and qualitative methodologies. **The Research Process** The research process. The research proposal. **Research Problems and Literature Review** Identifying and defining a research topic: the literature review. **Theoretical Framework and Hypothesis Development** The nature of theory: concepts, variables, the theoretical framework, hypotheses; deduction and induction; the nature of causality in the social sciences; dependent and independent variables. **Measurement** Measurement: types of scales; concepts and their dimensions; variables; Likert and other scales; validity and reliability; use of existing scales. **Data Collection Methods and Sampling** Questionnaire design; ways of administering questionnaires; survey and sampling methods; causes of bias in surveys; causal and correlational studies; experimental designs; internal and external validity; quasi experiments. Exploratory research: reasons for and methods. Qualitative research: ethnography; grounded theory; problems of data collection and analysis; analytical versus statistical generalizability. Case study research: the study questions, propositions, units of analysis, criteria for interpreting the findings; qualitative and quantitative aspects; evaluation as an example of case studies. **Data Analysis and Interpretation** Data analysis and interpretation; basic concepts involved in statistical analysis; outline of the use of some multivariate statistics. **The Research Report** Purposes; audience; characteristics of a well-written report; integral parts of the report.

<table>
<tr><td></td><td><u>Research Ethics</u>
The politics of management research; stakeholders; access to information.

The ethics of management research; the PolyU's requirements.

Plagiarism in academic writing and how to avoid it.</td></tr>
<tr><td>Teaching/Learning Methodology</td><td>Lectures cover the core principles and concepts of the subject syllabus. Seminars are structured to enhance students' understanding of relevant concepts through various kinds of activities, including presentation and discussion. Occasionally various staff members will visit the class to discuss on-going research projects with which they are involved.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="8">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a.</td><td>b.</td><td>c.</td><td>d.</td><td>e.</td><td>f.</td><td>g.</td><td>h.</td></tr>
<tr><td>Continuous Assessment*</td><td>100%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>1. Individual assignment</td><td>20%</td><td></td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>2. Group reports</td><td>50%</td><td></td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>3. Presentation</td><td>10%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td></tr>
<tr><td>4. Peer assessment</td><td>10%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>✓</td></tr>
<tr><td>5. Class participation</td><td>10%</td><td></td><td></td><td></td><td></td><td></td><td>✓</td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="8"></td></tr>
</table>
*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 the Continuous Assessment 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 –</td></tr>
</table>

<table>
<tr><td></td><td colspan="2">Individual assignment – Students are required to submit an individual work by addressing the core principles and concepts of the subject syllabus.

Group reports and presentation – Students are required to prepare two interim reports, a final report, and present their work by applying their subject knowledge and demonstrating their research skills.

Class participation – Feedback is given to students immediately following the presentations. All students are invited to join this discussion to demonstrate their understandings of the core principles and concepts of the subject syllabus.</td></tr>
<tr><td rowspan="6">Student Study Effort Expected</td><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lectures</td><td>39 Hrs.</td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Preparation for lectures</td><td>39 Hrs.</td></tr>
<tr><td>▪ Preparation for assignment / group project and presentation</td><td>78 Hrs.</td></tr>
<tr><td>Total student study effort</td><td>156 Hrs.</td></tr>
<tr><td>Reading List and References</td><td colspan="2"><u>Recommended Textbooks</u>

Ghauri, P. and Gronhaug, K. (2010). Research Methods in Business Studies (4th edition). London: Financial Times Prentice Hall.

Sekaran, U. and Bougie, R. (2013). Research Methods for Business – A Skill Building Approach (6th edition). NY: John Wiley & Sons.

<u>Suggested Readings</u>

Bowerman, B. L., O'Connell, R. T. and Murphree, E. S. (2014). Business Statistics in Practice (7th edition). NY: McGraw-Hill.

Cooper, D. R. and Schindler, P. S. (2014). Business Research Methods (12th edition). NY: McGraw-Hill.

Dillman, D. A., Smyth, J. D. and Christian, L. M. (2014). Internet, Phone, Mail, and Mixed-Mode Surveys: The Tailored Design Method (4th edition). Hoboken, NJ: John Wiley & Sons.

Hair, J. F., Black, W. C., Babin, B. J. and Anderson, R. E. (2010). Multivariate Data Analysis (7th edition). Upper Saddle River, NJ: Prentice Hall.

Miles, M. B., Huberman, A. M. and Saldaña, J. (2014). Qualitative Data Analysis: A Methods Sourcebook (3rd edition).</td></tr>
</table>

	Thousand Oaks, CA: Sage. Norušis, M. J. (2012). *IBM SPSS Statistics 19 Guide to Data Analysis.* Upper Saddle River, NJ: Prentice Hall. Yin, R. K. (2013). *Case Study Research: Design and Methods* (5th edition). Thousand Oaks, CA: Sage.

Subject Code	MM544
Subject Title	E-Commerce
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite/ Co-requisite/ Exclusion	None
Role and Purposes	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.
Subject Learning Outcomes	Upon completion of the subject, students will be able to: a. comprehend the underlying economic mechanisms and driving forces of E-Commerce; b. understand the critical building blocks of E-Commerce and different types of prevailing business models employed by leading industrial leaders; c. 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; d. formulate E-Commerce strategies that lever firms' core competencies, facilitate organizational transformation, and foster innovation; e. undertake planning, organizing, and implementing of E-Commerce initiatives to effectively respond to of dynamic market environments.
Subject Synopsis/ Indicative Syllabus[#]	• Introduction of e-Commerce • E-commerce Framework • B2C, B2B, C2C, G2C, G2B • E-commerce Supply Chain Management • Payment System, Internet Banking and Supporting Systems • Mobile Commerce • Social Media and e-Commerce • E-commerce strategy • Legal, ethical and societal issues of e-Commerce [#]*The above syllabus may be modified and updated by each subject lecturer without prior notice.*

<table>
<tr><td>Teaching/Learning Methodology</td><td>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.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a.</td><td>b.</td><td>c.</td><td>d.</td><td>e.</td><td></td></tr>
<tr><td>Continuous Assessment*</td><td>50%</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>1. Attendance and class participation</td><td>15%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>2. Individual assignment</td><td>15%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>3. Group assignment</td><td>20%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Examination</td><td>50%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>
*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 <u>both</u> 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.</td></tr>
</table>

Student Study Effort Expected	Class contact:	
	▪ Lectures	39 Hrs.
	Other student study effort:	
	▪ Preparation for lectures	39 Hrs.
	▪ Preparation for assignment / group project and presentation / examination	57 Hrs.
	Total student study effort	135 Hrs.
Reading List and References	**Textbook** Bharat Bhasker. (2013) *Electronic Commerce: Framework, Technologies and Applications*, McGraw Hill **References** Angwin, J. 2014. *Dragnet Nation: A Quest for Privacy, Security, and Freedom in a World of Relentless Surveillance*. Times Books. Liebana-Cabanillas, 2014. *Electronic Payment Systems for Competitive Advantage in E-Commerce.* Business Science Reference Schmidt E, and Cohen, J 2014. *The New Digital Age: Transforming Nations, Businesses, and Our Lives.* Vintage Stone, B. 2014. *The Everything Store: Jeff Bezos and the Age of Amazon*. Random House Swilley, E, 2014. *Mobile Commerce: How It Contrasts, Challenges and Enhances Electronic Commerce* 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.	

The information in this document is correct at the time of production (August 2015), and is subject to review and change.