



POLYU POSTGRADUATE
PROGRAMMES IN
SHIPPING,
LOGISTICS AND
SUPPLY CHAIN
MANAGEMENT

MSc in 2022-2023
International Shipping and Transport Logistics
(Full-time stream)

Programme Requirement Document

Programme Code: 44087-ISS

TABLE OF CONTENTS

	<u>Page No.</u>
CONTACT LIST	i
FOREWORD	ii
ACADEMIC CALENDAR FOR 2022/23	iii
Part I: General Information	
1. Programme Overview	1
2. Programme Aims and Features	1
3. Programme Learning Outcomes	1
4. Hong Kong Maritime and Logistics Scholarship Scheme	3
5. Entrance Requirements	3
6. Programme Structure	4
6.1 Programme Information	4
6.2 Credit Requirements	4
6.3 Mode and Duration of Study	4
6.4 Subject Offerings	6
6.5 Programme Curriculum and Assessment Weightings	8
6.6 Recommended Progress Pattern	12
6.7 Professional Recognition	13
6.8 Curriculum Map	13
7. Programme Management and Operation	14
8. Communication with Students	14
9. Subject Registration	14
9.1 Add/Drop of Subjects	14
9.2 Withdrawal of Subjects	14
9.3 Taking additional Subjects	15
10. Subject Exemption and Credit Transfer	15
11. Retaking of Failed Subjects	17
12. Zero Subject Enrollment	17
13. Deferment of Study	18
14. Withdrawal of Study	18
14.1 Official Withdrawal	18
14.2 Discontinuation of Study	19
14.3 De-registration	19
15. Assessment Methods	19
16. Passing a Subject	20
17. Assessment of Dissertation/Project	21
17.1 General Regulations	21
17.2 Procedures for Preparing the Dissertation/Project	21
17.3 Assessment of Dissertation/Project	21
18. Grading	22
19. Progression and De-registration	23
20. Academic Probation	23
21. Eligibility for Award	24
22. Award Classifications	24
23. Recording of Disciplinary Actions in Students' Record	24
24. Late Assessment	25
25. Procedures for Appeal	25
26. Sit-In Arrangement	28
27. Dismissal of Class	28
28. Plagiarism and Bibliographic Referencing	28
29. Prevention of Bribery Ordinance	29
30. Copyright and usage of online learning materials	29
Part II: Subject Syllabuses	30

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ISTL (Full-time stream) Programme Web Page

<https://www.polyu.edu.hk/lms/study/tpg/istl-iss/>

PolyU Student Handbook Web Page

<http://www.polyu.edu.hk/as>

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FOREWORD

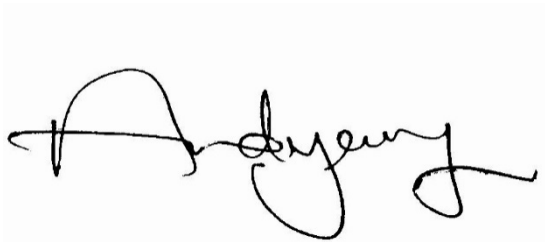
It is our pleasure to welcome you to the full-time stream of the Master of Science in International Shipping and Transport Logistics programme offered by the Department of Logistics and Maritime Studies at The Hong Kong Polytechnic University.

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

A handwritten signature in black ink, appearing to read 'Andy Yeung', is centered on the page. The signature is fluid and cursive, with a large initial 'A' and a long horizontal stroke.

Prof. Andy Yeung
Head, Department of Logistics and Maritime Studies

The Hong Kong Polytechnic University
Academic Calendar 2022/23 (by Semester Week)
(Updated on 13 July 2022)

Month	Week	Mon	Tue	Wed	Thurs	Fri	Sat	Sun	Sem. Week	Events	General Holidays
Aug 2022	1	29	30	31	1	2	3	4	1	29 Aug: Sem. 1 teaching commences	
Sept	2	5	6	7	8	9	10	11	2	29 Aug - 10 Sept: Add/Drop Period for Sem. 1	
	3	12	13	14	15	16	17	18	3	10 Sept: Mid-Autumn Festival (all evening classes/exams suspended)	12 Sept: The second day following Mid-Autumn Festival
	4	19	20	21	22	23	24	25	4		
Oct	5	26	27	28	29	30	1	2	5		1 Oct: National Day
	6	3	4	5	6	7	8	9	6	8 Oct: PolyU Undergraduate info Day 2022 (all day-time and evening classes suspended)	4 Oct: Chung Yeung Festival
	7	10	11	12	13	14	15	16	7		
	8	17	18	19	20	21	22	23	8		
	9	24	25	26	27	28	29	30	9	29 Oct - 20 Nov: Twenty-eighth Congregation	
Nov	10	31	1	2	3	4	5	6	10		
	11	7	8	9	10	11	12	13	11		
	12	14	15	16	17	18	19	20	12		
	13	21	22	23	24	25	26	27	13	26 Nov: Sem. 1 teaching ends	
Dec	14	28	29	30	1	2	3	4	14	28 - 30 Nov: Revision Days for Sem. 1	
	15	5	6	7	8	9	10	11	Exam.	1 - 16 Dec: Examination Period for Sem. 1	
	16	12	13	14	15	16	17	18	16		
	17	19	20	21	22	23	24	25	17	22 Dec: Winter Solstice (all evening classes/exams suspended)	
Jan 2023	18	26	27	28	29	30	31	1	Exam. result processing	24 Dec: Christmas Eve (all evening classes/exams suspended)	26 - 27 Dec: The first and second weekday after Christmas Day
	19	2	3	4	5	6	7	8	18		2 Jan: The day following the first day of January
	20	9	10	11	12	13	14	15	1	9 Jan: Sem. 2 teaching commences	
	21	16	17	18	19	20	21	22	2	9 - 21 Jan: Add/Drop Period for Sem. 2	
	22	23	24	25	26	27	28	29	Lunar New Year Break	21 Jan: Lunar New Year's Eve (all evening classes/exams suspended)	23 - 25 Jan: Lunar New Year Holidays
Feb	23	30	31	1	2	3	4	5	3	22 - 29 Jan: Lunar New Year Break (all day-time and evening classes suspended)	
	24	6	7	8	9	10	11	12	4		
	25	13	14	15	16	17	18	19	5		
	26	20	21	22	23	24	25	26	6		
Mar	27	27	28	1	2	3	4	5	7		
	28	6	7	8	9	10	11	12	8		
	29	13	14	15	16	17	18	19	9		
	30	20	21	22	23	24	25	26	10		
Apr	31	27	28	29	30	31	1	2	11		
	32	3	4	5	6	7	8	9	12		5 Apr: Ching Ming Festival
	33	10	11	12	13	14	15	16	13	15 Apr: Sem. 2 teaching ends	7 - 10 Apr: Easter Holidays
	34	17	18	19	20	21	22	23	14	17 - 19 Apr: Revision Days for Sem. 2	
	35	24	25	26	27	28	29	30	Exam.	20 Apr - 6 May: Examination Period for Sem. 2	
May	36	1	2	3	4	5	6	7	15		1 May: Labour Day
	37	8	9	10	11	12	13	14	Exam. result processing		
	38	15	16	17	18	19	20	21	16		
	39	22	23	24	25	26	27	28	1	22 May: Summer Term teaching commences	26 May: The Birthday of the Buddha
Jun	40	29	30	31	1	2	3	4	2	22 - 27 May: Add/Drop Period for Summer Term	
	41	5	6	7	8	9	10	11	3		
	42	12	13	14	15	16	17	18	4		
	43	19	20	21	22	23	24	25	5		22 Jun: Tuen Ng Festival
Jul	44	26	27	28	29	30	1	2	6		1 Jul: The HKSAR Establishment Day
	45	3	4	5	6	7	8	9	7	8 Jul: Summer Term teaching ends	
	46	10	11	12	13	14	15	16	Exam.	10 - 15 Jul: Examination Period for Summer Term	
	47	17	18	19	20	21	22	23	8		
	48	24	25	26	27	28	29	30	Exam. result processing		
Aug	49	31	1	2	3	4	5	6	9		
	50	7	8	9	10	11	12	13	10		
	51	14	15	16	17	18	19	20	11		
	52	21	22	23	24	25	26	27	12	27 Aug: Academic Year 2022/23 ends	

General Holidays:

Important dates on assessment:

Finalisation of all subject assessment results
Finalisation of overall assessment results
Announcement of overall assessment results

Semester 1	Semester 2	Summer Term
4-Jan	16-May	25-Jul
12-Jan	24-May	2-Aug
13-Jan	25-May	3-Aug

July 2022

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 in International Shipping and Transport Logistics (Full-time stream) is a unique postgraduate programme in Hong Kong. It particularly focuses on the highly specialized 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 plus the mandatory internship, 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 FEATURES

The programme enables students to introduce modern and cost-effective reforms into shipping, transport, and logistics industries.

The features of the programme are:

- (i) Curriculum designed in consultation with industry leaders and prospective employers
- (ii) Academic theory balanced with professional practice
- (iii) Multidisciplinary knowledge integrated with specialist expertise
- (iv) Graduates pursue diverse career paths
- (v) Graduates are granted exemptions from professional examinations
- (vi) Postgraduate Diploma offered as an intermediate exit

3. PROGRAMME LEARNING OUTCOMES

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

- i. Demonstrate how international shipping functions;

Learning objective:

- a. Provide students with a full understanding of the organisational structure and management mode in the context of international shipping

(addressed by subject(s): LGT5001 Organisational Management in Shipping and Logistics)

- b. Demonstrate an understanding on the application of technology to international shipping industry

(addressed by subject(s): LGT5010 Port Policy and Management; LGT5071 Ship Chartering Strategies; LGT5072 Liner Shipping Management)

- ii. Evaluate international logistics systems, operations and management, provide an insight and understanding of the concepts, theory of international logistics;

Learning objective:

Recognise the complexity of the elements in international logistics system and develop fundamental skills for analysing practical problems in international logistics

(addressed by subject(s): LGT5002 International Logistics Systems, Operations and Management; LGT5014 Air Transport Logistics and Management; LGT5015 Supply Chain Management)

- iii. Resolve economic and financial problems encountered in international shipping;

Learning objective:

- a. Practice concepts and theories in international shipping economics and market. Apply various economic and financial models and theories to strategic decision-making in shipping and logistics

(addressed by subject(s): LGT5007 Shipping Economics and Markets)

- b. Understand how emerging technologies lead to potential and apparent changes in shipping finance

(addressed by subject(s): LGT5065 Finance for Shipping and Logistics)

- iv. Solve basic legal problems in shipping and insurance;

Learning objective:

- a. Demonstrate how the emerging technologies affect maritime law and marine insurance

(addressed by subject(s): LGT5012 Law and Practice in Marine Insurance)

- b. Practice legal method, analyse legal cases and interpret legislations and legal document

(addressed by subject(s): LGT5064 Shipping Law)

- v. Practise business ethics

Learning objective:

Be attentive and responsive to ethical issues in business

(addressed by subject(s): LGT5001 Organisational Management in Shipping and Logistics; LGT5012 Law and Practice in Marine Insurance; LGT5064 Shipping Law)

4. HONG KONG MARITIME AND LOGISTICS SCHOLARSHIP SCHEME

The Government of the Hong Kong Special Administrative Region (HK Government) has set up the Hong Kong Maritime and Logistics Scholarship Scheme (Scholarship) in PolyU to support students enrolled on this **full-time stream** programme. The Scholarship aims to expand the manpower of the maritime industry in Hong Kong.

Scholarship will cover the tuition fee for the programme and an allowance.

Each recipient is required to sign an undertaking to the effect of conditions set out below, which shall form a contract between the Scholarship Scheme and the recipient.

Conditions of the Scholarship

- (i) the recipients are not allowed to concurrently hold any other local merit-based incentives such as awards, prizes and/ or scholarships during the studies of the programme;
- (ii) the recipients are required to complete the programme, covering 39 academic credits and 6 training credits of Maritime Industry Internship;
- (iii) within 3 calendar months upon successful completion of the programme, the recipients should start working full-time in the maritime industry in Hong Kong for a period of not less than twelve consecutive calendar months.

If the recipient is in breach of any one of the above conditions, he is required to refund the scholarship received in full to the Scholarship Scheme.

5. ENTRANCE REQUIREMENTS

The minimum entrance requirements are:

Local Applicants

A Bachelor's degree in any discipline

Chinese Mainland and Overseas Applicants

A Bachelor's degree in International Shipping or Maritime Studies or other relevant disciplines with:

- i) English being the Medium of Instruction; OR
- ii) English not being the Medium of Instruction, then applicants are also required to meet either one of the following requirements:
 - An IELTS Academic Test with a score of at least 6; or
 - A TOEFL Paper-based test score of at least 550, including a score of at least 4.5 in the Test of Written English; or
 - A TOEFL Internet-based test score of at least 80, including a score of at least 20 in the Test of Written English.

Non-local prospective students must obtain a student visa for commencement of study in Hong Kong. Those who fail to obtain a valid student visa or only have a visitor or tourist visa are not allowed to register on the programme nor commence their studies.

6. PROGRAMME STRUCTURE

6.1 Programme Information

Programme Code and Title:

44087 Master of Science in International Shipping and Transport Logistics
(Full-time Stream)

Award:

Master of Science in International Shipping and Transport Logistics

Medium of Instruction:

English

6.2 Credit Requirements

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

No. of Required Subjects		Academic Credits	Training Credits
1 Compulsory Subject	AND	3	-
4 International Shipping Core Subjects	AND	12	-
3 Restricted Elective Subjects	AND	9	-
5 Free Elective Subjects	OR	15	-
3 Free Elective Subjects + Project (6 credits)	OR		
240-hour Maritime Industry Internship (training credits)		-	6
Total No. of Required Credits		39	6

6.3 Mode and Duration of Study

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, daytime 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.

Combined classes of students from full-time stream, part-time stream and mixed-mode stream are widely adopted. Students enrol on the full-time stream will attend classes with students from other streams.

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 *normal* duration of this programme is *two academic years*.

6.4 Subject Offerings

Compulsory Subject (1 subject - 3 credits)	
LGT5002	International Logistics Systems, Operations and Management
International Shipping Core Subjects (4 subjects – 12 credits)	
LGT5001	Organisational Management in Shipping and Logistics
LGT5010	Port Policy and Management
LGT5071	Ship Chartering Strategies
LGT5072	Liner Shipping Management
Restricted Elective Subjects (3 subjects - 9 credits)	
<ul style="list-style-type: none"> • Choose <u>at least one</u> from the focus on Shipping Economics and Finance: <ul style="list-style-type: none"> LGT5007 Shipping Economics and Markets LGT5065 Finance for Shipping and Logistics • Choose <u>at least one</u> from the focus on Shipping Law and Insurance: <ul style="list-style-type: none"> LGT5012 Law and Practice in Marine Insurance LGT5064 Shipping Law • Choose <u>at least one</u> from the focus on International logistics: <ul style="list-style-type: none"> LGT5014 Air Transport Logistics and Management LGT5015 Supply Chain Management <p><i>Note: Student may take more Restricted Elective Subjects than necessary, and they will be counted as Free Elective Subjects.</i></p>	
Free Elective Subjects (any 5 subjects - 15 credits)	
Focus on International Shipping: LGT5017 Maritime Logistics	
Focus on Shipping Economics and Finance: AF5108 Accounting for Managers LGT5160 Derivatives and Risk Management in Shipping	
Focus on Shipping Law and Insurance: LGT5011 Admiralty Law LGT5046 Contract Management LGT5170 Maritime Arbitration Law	
Focus on International logistics (Air Logistics Management): LGT5067 Intermodal Transport Management LGT5161 Air Transport Regulatory Policy LGT5162 Airline Strategic Management LGT5163 Aviation Marketing LGT5164 Aviation Safety Management LGT5169 Airport Business Management	
Others: LGT5013 Transport Logistics in China LGT5037 Project Management LGT5073 Risk Management in Operations LGT5101 Statistics for Management LGT5105 Managing Operations Systems LGT5113 Enterprise Resource Planning LGT5122 Applications of Decision Making Models LGT5133 Strategies and Technologies in Warehousing Management LGT5152 Information Systems for Supply Chain Management (Cont.)	

LGT5xxx Coding for Management with Python (subject to approval) LGT5202 Project (for MSc only) (6 credits) MM501 Research Methods MM544 E-Commerce
LGT5222 Maritime Industry Internship (6 training credits) The placement for internship will be monitored by the Steering Committee of the Hong Kong Maritime and Logistics Scholarship Scheme.

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 <https://fb.polyu.edu.hk/study/taught-postgraduate-programmes/common-pool-electives/> 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 and essential subjects before taking elective subjects.*

6.5 Programme Curriculum and Assessment Weightings**Compulsory subjects**

Subject Code	Subject Title	Credits	Pre-requisite	Exclusion	Contact hours	Assessment	
						Coursework (%)	Examination (%)
LGT5002	International Logistics Systems, Operations and Management	3	Nil	CSE564/ LGT5061	39	50	50
LGT5222	Maritime Industry Internship	6 (Training Credits)	Nil	Nil	240	100	0

International Shipping Core 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
LGT5010	Port Policy and Management	3	Nil	Nil	39	50	50
LGT5071	Ship Chartering Strategies	3	Nil	Nil	39	50	50
LGT5072	Liner Shipping Management	3	Nil	Nil	39	50	50

Restricted Elective Subjects

Subject Code	Subject Title	Credits	Pre-requisite	Exclusion	Contact hours	Assessment	
						Coursework (%)	Examination (%)
LGT5007	Shipping Economics and Markets	3	Nil	Nil	39	50	50
LGT5012	Law and Practice in Marine Insurance	3	Nil	Nil	39	50	50
LGT5014	Air Transport Logistics and Management	3	Nil	Nil	39	50	50
LGT5015	Supply Chain Management	3	Nil	Nil	39	50	50
LGT5064	Shipping Law	3	Nil	Nil	39	50	50
LGT5065	Finance for Shipping and Logistics	3	Nil	Nil	39	50	50

Free Elective subjects

Subject Code	Subject Title	Credits	Pre-requisite	Exclusion	Contact hours	Assessment	
						Coursework (%)	Examination (%)
AF5108	Accounting for Managers	3	Nil	Nil	39	50	50
LGT5011	Admiralty Law	3	Nil	Nil	39	50	50
LGT5013	Transport Logistics in China	3	<i>Understand Putonghua & read simplified Chinese Characters</i>	Nil	39	50	50
LGT5017	Maritime Logistics	3	Nil	Nil	39	60	40
LGT5037	Project Management	3	Nil	Nil	39	50	50
LGT5046	Contract Management	3	Nil	Nil	39	50	50
LGT5067	Intermodal Transport Management	3	Nil	Nil	39	50	50
LGT5073	Risk Management in Operations	3	None	ISE548	39	50	50

(Continued on next page)

(Continued) Elective subjects

Subject Code	Subject Title	Credits	Pre-requisite	Exclusion	Contact hours	Assessment	
						Coursework (%)	Examination (%)
LGT5101	Statistics for Management	3	Nil	Nil	39	50	50
LGT5105	Managing Operations Systems	3	Nil	Nil	39	50	50
LGT5113	Enterprise Resource Planning	3	Nil	Nil	39	50	50
LGT5122	Applications of Decision Making Models	3	Preferably with knowledge of LGT5102 "Models for Decision Making", yet without it will not be a problem.	Nil	39	100	0
LGT5133	Strategies and Technologies in Warehousing Management	3	Nil	ISE512 LGT5131	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	35	65
LGT5162	Airline Strategic Management	3	Nil	Nil	39	50	50
LGT5163	Aviation Marketing	3	Nil	Nil	39	100	0
LGT5164	Aviation Safety Management	3	Nil	Nil	39	50	50
LGT5169	Airport Business Management	3	Nil	Nil	39	50	50
LGT5170	Maritime Arbitration Law	3	Nil	Nil	39	40	60

(Continued on next page)

(Continued) Elective subjects

Subject Code	Subject Title	Credits	Pre-requisite	Exclusion	Contact hours	Assessment	
						Coursework (%)	Examination (%)
*LGT5202	Project	6	Nil	LGT5201 LGT5111 LGT5153 LGT5205 LGT5211 LGT5215	NA	100	0
MM501	Research Methods	3	Nil	BRE501 MM5011 MM586	39	100	0
MM544	E-Commerce	3	Nil	Nil	39	50	50

***For MSc only**

6.6 Recommended Progress Pattern

Students are encouraged to follow the recommended progression pattern¹ to benefit from a cohort-based study and to graduate within the normal study period. The programme allows students the flexibility to proceed at their own pace. Despite the recommended progression pattern, all the compulsory, essential 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 3 to 4 subjects over a regular 13-week semester, and 1 to 2 subjects over an optional 7-week Summer Term, compulsory and essential first, followed by other electives.

Students who opt for the Dissertation/Project should start the preparation during the 1st 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.

6.7 Professional Recognition

- i. Graduates with 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 MSc in International Shipping and Transport Logistics have been granted exemption on the following subject of the Institute of Chartered Shipbrokers:
 - Introduction to Shipping

6.8 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 in International Shipping and Transport Logistics (Full-time Stream) programme, as set out in Section 3 of this documents.

7. 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.

8. 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. AR, 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.

9. SUBJECT REGISTRATION

9.1 Add / Drop of Subjects and Change of Subject Groups

If you wish to make changes to your subject registration, you may do so through the add / drop at eStudent 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 the subjects in a semester, you must first seek approval from your Department for zero subject enrolment. (Please refer to Student Handbook section 4I on “Zero Subject Enrolment and Retention of Study Place”.)

Otherwise, you will 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. (Please refer to section 5G on “Withdrawal of Subjects”.)

9.2 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 subjects to your programme offering department. Such request will first be considered by the subject teacher concerned and followed by the programme director if there are strong

justifications and when the tuition fee of the subject concerned has been settled. Deadline for requests for subject withdrawal will be specified by the teaching department and in any case, it will not be entertained after the commencement of the examination period.

For approved cases, the tuition fees paid for the withdrawn subjects will not be refunded. 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.

9.3 Taking Additional Subjects

Subject to the maximum credits allowed, students can take additional subjects **before** graduation to broaden their perspective. The selection of additional subjects will be done during the last two days of the add / drop period. Any requests for dropping the additional subjects after the add / drop period will be treated as subject withdrawal. All subjects will be included in the GPA calculation while only those subjects within the programme curriculum requirement will be counted towards a student's award classification.

10. SUBJECT EXEMPTION AND CREDIT TRANSFER

Irrespective of the extent of previous study or credits recognised, 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.

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 application:
eStudent [Application Forms > Applications for Study Related Matters > (AR41e) Subject Exemption]

You will receive notification from the Department concerned normally within 14 working days if your application for a subject exemption is successful.

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 2018/19, then the validity period should count from 2019 for eight years). Credits earned from previous studies should remain valid at the time when the student applies for transfer of credits

Subject to the terms and conditions stipulated in the Notice of Offer, there is a limit to the maximum number of credits that can 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 case 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.

For application:
eStudent [Application Forms > Applications for Study Related Matters > (AR41c) Credit Transfer]

All credits transferred will be counted for satisfying the award requirements. Transferred credits are normally not counted for meeting the requirements of more than one degree.

Some programmes may accept applicants holding advanced qualifications. If you have an advanced qualification relevant to the programme enrolled, you may be allowed to take fewer credits than what the programme normally requires. However, when you apply for credit transfer, the credits that you are not required to study will also be counted towards the maximum number of transferred credits.

For credit transfer of retaken subjects with grade being carried over, the grade attained in the last attempt should be taken. Students applying for credit transfer for a subject taken in other institutions are required to declare that the subject grade used for claiming credit transfer was attained in the last attempt of the subject in their previous studies. If a student fails in the last attempt of a retaken subject, no credit transfer should be granted, despite the fact that the student may have attained a pass grade for the subject in the earlier attempts.

Students will not be granted credit transfer for a subject which they have attempted and failed in their current study unless the subject was taken by the student as an exchange-out student in his / her current programme.

In case of extenuating circumstances where the application for credit transfer can only be submitted after the first semester of the first year of study, all credit transfers approved will take effect only in the semester for which they are approved. Such students will only be eligible for graduation at the end of that semester, even if the granting of the credit transfer will immediately enable them to satisfy the total credit requirement for the award.

You will receive notification from the Department concerned normally within 14 working days if your application for credit transfer is successful. If you are a credit fee paying student, you will receive a debit note for settling the credit transfer fee, the nonpayment of which will nullify the approved credit transfer. A reinstatement fee will be charged if you wish to reinstate the approval for the credit transfer.

11. RETAKING OF FAILED SUBJECTS

Students may only retake a subject which they have failed (i.e. Grade F or S or U). After the announcement of subject results in a semester, you should check whether you have failed any subject via eStudent (please refer to Student Handbook section 6G on “Assessment Results”) and arrange for retaking of the subject during subject registration.

The number of retake of each subject is restricted to **a maximum of two**. The second retake of a failed subject requires the approval of the Faculty / School Board. Students who have failed a compulsory subject after two retakes will be de-registered. Departments may impose 30 more stringent regulations on the retaking of particular types of subjects, e.g. practicum and clinical placement, and should inform students of such cases, if any.

Students can retake a failed subject the first time via eStudent directly during the subject registration period and add/drop period. For a second retake of a failed subject, students should complete form AR160 instead and return it to the programme offering departments to seek approval.

For application, get the form from:	Return it to:
1. Students in Taught Programmes > Application Forms 2. Academic Registry Service Centre	Programme offering department
Application period:	
Preferably before the start of a new semester, or before the end of add / drop period of each semester.	

When you retake a failed subject, only the grade obtained in the final attempt of the retake will be included in the calculation of Grade Point Average (GPA) and GPA 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 the Programme Requirement 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.

12. ZERO SUBJECT ENROLMENT AND RETENTION OF STUDY PLACE*

If you do not wish to take any subject in a semester, you must seek approval from your Department to retain your study place* by submitting your application via eStudent before the start of the semester and in any case not later than the end of the add / drop period. Otherwise, your student status with the University will be withdrawn. Please also refer to Student Handbook section 4L(ii) on “Discontinuation of Study” for further details.

Unless otherwise approved, the semesters during which you are allowed to take zero subject will be counted towards the total period of registration (or maximum period of registration for students admitted in or before 2019/20) for the programme concerned.

For application:
eStudent [Application Forms > Applications for Study Related Matters > (AR112) Retention of Study Place (Zero Subject Enrolment)]

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 continue using campus facilities including library facilities. A fee of HK\$2,105 per semester for retention of study place will be charged.

13. DEFERMENT OF STUDY

You may apply for deferment of study if you have a genuine need to do so, such as prolonged illness or being posted to work outside Hong Kong. Applications from students who have not yet completed the first year of a full-time programme will be considered only under exceptional circumstances. The deferment period will not be counted towards the total period of registration (or maximum period of registration for students admitted in or before 2019/20).

You are required to submit an application for deferment of study via eStudent 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 fees 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. Students approved for deferment of study will normally not be eligible to access the campus facilities / services. Students can check for further details from the relevant service providing units. Alternatively, you may apply for zero subject enrolment to retain 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 Registry.

For application:
eStudent [Application Forms > Applications for Study Related Matters > (AR7) Deferment of Study] <i>(with supporting documents. Medical certificates are required for application on medical grounds.)</i>
Deadline for application:
Before the commencement of the semester examination period of the programme concerned.

14. WITHDRAWAL OF STUDY

14.1 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

eStudent. Fees paid for the semester in which you are studying will not be refunded. Applications for withdrawal of study for the current semester must be submitted before the commencement of the examination period. Applications submitted after the commencement of the examination period will not be processed. Applications for withdrawal of study for the following academic year / semester should be submitted before the commencement of that academic year / semester.

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

The relevant Department will inform you in writing or via e-mail of the result of your application, normally within three weeks after you have cleared all the outstanding items as mentioned above.

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.

For application:
eStudent [Application Forms > Applications for Study Related Matters > (AR6) Withdrawal of Study]
Deadline for application:
Before the commencement of the examination period of the semester concerned.

14.2 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 this case, you will not be eligible for the refund of caution money and shall not be considered for re-admission to the same programme / stream (sub-code) in the following academic year.

14.3 De-registration

Students who have been de-registered on grounds of academic failure shall not be considered for re-admission to the same programme / stream (sub-code) in the following academic year.

15. 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.

Assessment methods and parameters of subjects shall be determined by the subject offering Department.

At the beginning of each semester, the subject teacher should inform students of the details of the methods of assessments to be used, within the assessment framework as specified in the definitive programme document.

The University attaches great importance to academic integrity and honesty and upholds high standard in examination and in continuous assessment. In case of proven dishonesty including plagiarism, the penalty is detailed in Student Handbook section 11 on "Regulations and Rules".

16. 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 the subject.

17. ASSESSMENT OF DISSERTATION/PROJECT

17.1 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.

17.2 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.

17.3 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.

18. GRADING

Assessment grades shall be awarded on a criterion referenced basis. A students' overall performance in a subject shall be graded as follows:

<i>Grade</i>	<i>Grade Point for grades attained from 2020/21</i>
A+	4.3
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
F	0.0

'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 grade point of all the subjects:

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

where n = number of all subjects (inclusive of failed subjects) taken by the student up to and including the latest semester/term. 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, but without any grade assigned
- (v) Subjects from which a student has been allowed to withdraw (i.e. those with the code 'W')

Subject which has been given an “S” code, i.e. absent from all assessment components, 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 ranges from 0.00 to 4.30 from 2020/21.

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.

19. PROGRESSION AND DE-REGISTRATION

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

- (i) the student has reached the final year of the normal period of registration for that programme, as specified in the Programme Requirement Document, unless approval has been given for extension (applicable to students admitted in _____ or _____ after 2020/21); _____ or
- (ii) the student has reached the maximum number of retakes allowed for a failed compulsory subject; or
- (iii) The student’s GPA is lower than 1.70 for two consecutive semesters and his / her Semester GPA in the second semester is also below 1.70; or
- (iv) The student’s GPA is lower than 1.70 for three consecutive semesters.

When a student falls within any of the categories as stipulated above, except for category (i) with approval for extension, the Board of Examiners shall de-register the student from the programme without exception.

Notwithstanding the above, the Board of Examiners will have the discretion to de-register students with extremely poor academic performance before the time frame specified in iii and iv above.

The progression of students to the following academic year will not be affected by the GPA obtained in the Summer Term, unless Summer Term study is mandatory for all students of the programme and constitutes a requirement for graduation, and is so specified in the Programme Requirement Document.

20. 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. Starting from Semester One of 2020/21 academic year, you will be put on academic probation in the following semester if your GPA is below 1.70. If you are able to obtain a GPA of 1.70 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. However, this status will not be displayed in the transcript of studies.

To improve the academic performance of students on academic probation, students on academic probation are required to seek academic advice on study load and subjects to be taken. These students will normally be required to take a study load of not more than 15 credits. Students should, within one week of assessment results announcement, complete the Form 'Study Load for Students on Academic Probation' (Form AR150) (AR Website > For Students on Taught Programmes > Application Forms) indicating the proposed study plans and meet with the Academic Advisors to finalise the subjects and number of credits to be taken in the semester following academic probation.

21. ELIGIBILITY FOR AWARD

A student would be eligible for the award of Master of Science or Postgraduate Diploma in International Shipping and Transport Logistics if he/she satisfies all the conditions listed below:

- (i) Accumulation of the requisite number of credits for the award, as defined in this document.
- (ii) Satisfying the residential requirement for at least one-third of the credits normally required for the award, unless the professional bodies stipulate otherwise;
- (iii) satisfying all requirements as defined in the Programme Requirement Document and as specified by the University; and
- (iv) Having a GPA of 1.70 or above at the end of the programme.

A student is required to graduate as soon as he/she satisfies all the above conditions for award. Upon confirmation of the eligibility to graduate or leaving the University, registration for subjects (including the follow-on term of consecutive subjects) in the following semester/ Summer Term will be nullified and removed.

22. AWARD CLASSIFICATIONS

The following award classifications apply to your programme:

Award Classification	GPA
Distinction	3.60 - 4.30
Credit	3.00 - 3.59
Pass	1.70 - 2.99

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

23. 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, until their leaving the University. The disciplinary probation 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.

The University reserves the right to withhold the issuance of any certificate of study to a student who has unsettled matters with the University, or subject to disciplinary action.

24. 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 Teacher concerned, in consultation with the Programme Director.

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

25. ACADEMIC APPEALS

Subject Teachers, in respect of the subject they teach, have the sole responsibilities for marking and grading students' coursework and examinations scripts. Subject grades shall be reviewed and finalised by the Subject Assessment Review Panel (SARP) before being formally released to students and submitted to the Board of Examiners (BoE).

The BoE for each programme is responsible for making a decision on the student's classification of award and on cases such as de-registration or those with extenuating circumstances. It is therefore the responsibility of students to make known to Subject Teachers / SARP / BoE / other authorized parties of the University, in advance and through the Department concerned, the factors which they believe have detrimentally and materially affected their assessment results.

i. **Grounds for Appeal**

The following may constitute grounds for a review of the decision:

a) if a candidate has evidence to support that his / her examination performance has been adversely affected by illness or other factors beyond his / her control which he / she was unable or, for valid reasons, unwilling to divulge before the Subject Teacher / SARP / BoE / other authorized parties of the University made their decision and of which they were unaware. The request from the candidate must be supported by medical certificates or other documentary evidence.

b) if there is evidence provided by a candidate or any other person that there has been a material administrative error, or that the examinations were not conducted in accordance with the current regulations for the programme or with the academic regulations of the University, or that there was any manifest inconsistency in marking between different classes of a given programme, or that some other material irregularities had occurred.

A student's disagreement with the marking or with the decision is not in itself an adequate ground for an appeal.

ii. **Procedures for Appeal**

a) **Appeals against Decisions on Subject Results**

Students appealing against the decision on their subject results shall pay a fee of HK\$125. Payment forms are obtainable from the Academic Registry Service Centre. Softcopies of the payment form can also be sent to students via email by their programme offering departments or the Academic Registry upon request. If more than one examination paper is involved, an extra fee of HK\$125 shall be charged for each additional paper. The fee shall be refunded if the appeal is successful / upheld.

A student should make his / her appeal in writing to his / her Head of Department within one calendar week upon the public announcement of his / her overall results, i.e. the date when the results are announced to students via the web. 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 following authorised person:

- the Programme Leader – for Faculty / School-hosted Undergraduate Programmes; or
- the Scheme Committee Chairman – for Postgraduate Schemes or Faculty / School-hosted Undergraduate 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 one calendar week 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 Registrar within one calendar week from the date of the Department's reply. He / She should provide the following information together with other relevant documents in support of the appeal:

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

The Registrar shall then refer the case to the Academic Appeals Committee, which shall determine whether there are *prima facie* grounds for a reconsideration of the decision of the Subject Teacher / SARP concerned.

b) Appeals against Decisions on De-registration

Students appealing against the decisions on de-registration shall pay a fee of HK\$125. Payment forms are obtainable from the Academic Registry Service Centre. Softcopies of the payment form can also be sent to students via email by their programme offering departments or the Academic Registry upon request. The fee shall be refunded if the appeal is successful / upheld.

Students should complete and submit **Form AR149** "Appeal against the Decision of BoE on De-registration" to the General Office of the Department hosting the programme / award (or to the Faculty / School Office if the programme / award is hosted by the Faculty / School, or for students on Broad Discipline programme) within one calendar week upon the public announcement of the overall results, i.e. the date when the results are announced to students via the web. When submitting the form, the appellant has the responsibility to make known to the Academic Appeals Committee (AAC) full details and evidence that would support his / her appeal.

The appeal by the students will be considered by the Academic Appeals Committee, which will deliberate the appeal cases making reference to the recommendations of the programme-hosting Department / Faculty and the Faculty Dean / School Board Chairman.

c) Appeals against Decisions on Award Classification

Students appealing against the decisions on award classification shall pay a fee of HK\$125. Payment forms are obtainable from the Academic Registry Service Centre. Softcopies of the payment form can also be

sent to students via email by their programme offering departments or the Academic Registry upon request. The fee shall be refunded if the appeal is successful / upheld.

A student should make his / her appeal in writing to his / her Head of Department within one calendar week upon the public announcement of the overall results, i.e. the date when the results are announced to students via the web. He / She should provide the following information together with copies of the assessment result notification and other documentation in support of the appeal:

- (i) name in English and Chinese;
- (ii) student number;
- (iii) programme title, year and class of study; and
- (iv) grounds for appeal.

The Head of Department shall then refer the case to the Chairman of Academic Appeals Committee, who shall determine whether there are *prima facie* grounds for a reconsideration of the decision of BoE's and / or other authorized parties of the University.

iii. Decisions for Appeal

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

26. 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**.

27. 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.

28. 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

29. 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>.

30. COPYRIGHT AND USAGE OF ONLINE LEARNING MATERIALS

The learning and teaching platforms of The Hong Kong Polytechnic University ("PolyU") are for the use of PolyU students to facilitate their learning. The student shall use the platforms and the materials available (including teaching sessions conducted by staff of PolyU) for their personal study only. Where a student needs to download or save the materials available on the platforms for the permitted purposes, the student shall take all necessary measures to prevent their access by other parties. The materials are copyright protected. Save for the permitted purposes, no copying, distribution, transmission or publication of the materials in whole or in part in any form is permitted.

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

PART II: SUBJECT SYLLABUSES

Subject Code	Subject	Page No.
<i><u>Subjects offered by the Department of Logistics and Maritime Studies</u></i>		
LGT5001	Organizational Management in Shipping and Logistics	32
LGT5002	International Logistics Systems, Operations and Management	35
LGT5007	Shipping Economics and Markets	38
LGT5010	Port Policy and Management	40
LGT5011	Admiralty Law	43
LGT5012	Law and Practice in Marine Insurance	45
LGT5013	Transport Logistics in China	48
LGT5014	Air Transport Logistics and Management	51
LGT5015	Supply Chain Management	54
LGT5017	Maritime Logistics	58
LGT5037	Project Management	61
LGT5046	Contract Management	64
LGT5064	Shipping Law	68
LGT5065	Finance for Shipping and Logistics	71
LGT5067	Intermodal Transport Management	74
LGT5071	Ship Chartering Strategies	77
LGT5072	Liner Shipping Management	80
LGT5073	Risk Management in Operations	84
LGT5101	Statistics for Management	88
LGT5105	Managing Operations Systems	92
LGT5113	Enterprise Resource Planning	96
LGT5122	Applications of Decision Making Models	99
LGT5133	Strategies and Technologies in Warehousing Management	102
LGT5152	Information Systems for Supply Chain Management	105
LGT5160	Derivatives and Risk Management in Shipping	108
LGT5161	Air Transport Regulatory Policy	112
LGT5162	Airline Strategic Management	115
LGT5163	Aviation Marketing	118
LGT5164	Aviation Safety Management	120
LGT5169	Airport Business Management	122
LGT5170	Maritime Arbitration Law	125
LGT5202	Project	129
LGT5222	Maritime Industry Internship	132

Subjects offered by the Department of Management and Marketing

MM501	Research Methods	135
MM544	E-Commerce	139

Subjects offered by the School of Accounting and Finance

AF5108	Accounting for Managers	142
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Website of Common Pool Electives

<https://www.polyu.edu.hk/fb/study/tpg-landing/common-pool-electives/>

The subject syllabuses contained in this Programme Requirement Document are subject to review and change from time to time. The Faculty of Business / 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.

The Hong Kong Polytechnic University

Subject Description Form

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
Objectives	<p>To provide students with a full understanding of the organisational and human resources management in the context of international shipping and logistics.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#1: Demonstrate how international shipping functions (Learning objective 1a)</p> <p>#6 Practise business ethics</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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, trade war, 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	<p>Logistics organisation structures; Generic organisational choices for logistics; Development of an optimal logistics organisation; Organisational issues in an international shipping and logistics context.</p> <p>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.</p> <p>Organisational issues in managing logistics productivity and performance, Logistics quality process, Third-party logistics, Outsourcing.</p>

	Regulating regimes in International Shipping; Risk Mitigation, Business Ethics, Security Issues, Corporate responsibilities. Human resources management in context, leadership and customer care.																																																							
Teaching/Learning Methodology	<p>Lectures introduce and explain key theoretical risk-related concepts. Functions on Shipping and Logistics Operations such as Ship Registration, Port State Control, key International Maritime Conventions, IMO and Maritime Security will be introduced to the class during tutorial sessions to foster a better understanding to the organizational management in shipping and logistics.</p> <p>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.</p>																																																							
Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1" data-bbox="534 689 1484 1198"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <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> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>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.</p> <p>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.</p> <p>Students would be given regular feedback on their performance, by email or as comments on assignments submitted. To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>		Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c				1. Coursework	50%							Mini-project	40%	✓	✓	✓				Presentation	10%	✓	✓	✓				2. Examination	50%	✓	✓	✓				Total	100 %						
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	Other student study effort:	
	▪ Self study	45 Hrs.
	▪ Coursework	42 Hrs.
	Total student study effort	126 Hrs.
Reading List and References	<p>Shipping and Logistics Management, Lun, Yuen Ha(Venus), Lai, Kee Hung, Cheng, TCE, c2010</p> <p>Maritime Logistics, A Guide to Contemporary Shipping and Port Management, DONG-WOOK SONG, PHOTIS M PANAYIDES, 2nd Edition</p> <p>Rahim, M. Afzalur, Managing conflict in organizations, Transaction Publishers , 2011 , 4th <i>Edition</i>. Managing conflict, Boston, MA : Harvard Business School Press, c2007.</p> <p>Aba-Bulgu,M. and Sardar M.N. Islam, Corporate crisis and risk management : modelling, strategies and SME application. Oxford : Elsevier, 2007.</p> <p>McLean, Hamish, Crisis command : strategies for managing corporate crises, ARK Group , 2009.</p> <p>Richard G. Human Resources, Renckly, Barron's Educational Series, 2011 , 3rd Edition.</p> <p>Deresky, Helen (2008), International management : managing across borders and cultures : text and cases, Upper Saddle River, N.J. : Pearson Prentice Hall (6th edition).</p> <p>Morschett, Dirk, Strategic international management text and cases, Springer e-books, Gabler , 2009.</p> <p>Hogan-Garcia, Mikel (2007), The four skills of cultural diversity competence: a process for understanding and practice, Belmont, CA : Thomson Brooks/Cole. (3rd edition).</p> <p>Joint ventures, mergers and acquisitions, and capital flow, James B. Tobin and Lawrence R. Parker, editors. New York : Nova Science Publishers, 2009.</p> <p><u>Journals:</u></p> <p>Lloyd's List Alphaliner Weekly Newsletter Journal of Business Logistics International Journal of Physical distribution & Logistics Maritime Economics and Logistics Maritime Policy and Management</p>	

The Hong Kong Polytechnic University

Subject Description Form

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
Objectives	<p>This subject aims to provide students with an understanding of the growing importance of international logistics systems, operations and management.</p> <p>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.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#2 Evaluate international logistics systems, operations and management, provide an insight and understanding of the concepts, theory of international logistics</p> <p>MSc/PgD in Global Supply Chain Management</p> <p>#1 Employ supply chain management (Learning objective 1b) 2 Build up operations and logistics concepts</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Identify and evaluate the elements of an international logistics system; b. Understand the relationships between international logistics management, the international business environment, and the opportunities and challenges for 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. Understand the implication of contemporary technology in the international logistics operations context g. Understand social responsibility and ethic in managing international logistics systems and operations.

<p>Subject Synopsis/ Indicative Syllabus</p>	<p>Environment of a logistics system; Logistics and competitiveness; Globalization and the world economy; International logistics and the opportunities and challenges for Hong Kong; International trade theories and practices; Trading terms and practices; Import/ export issues; Logistics outsourcing and the risks; Logistics information management; IT-enabled logistics and emerging information technologies for logistics, 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 environmental issues; Customer and supplier relationships for international business; Applications of technology in international logistics such as digitalization, artificial intelligence, blockchain, and autonomous ship; Emerging topics and corporate social responsibility issues on international logistics management.</p>																																																				
<p>Teaching/Learning Methodology</p>	<p>The learning outcomes are achieved through a participative approach where students are</p> <ul style="list-style-type: none"> ▪ 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. <table border="1" data-bbox="496 1294 1482 1581"> <thead> <tr> <th data-bbox="496 1294 809 1391">Teaching/Learning Methodologies</th> <th colspan="7" data-bbox="809 1294 1482 1391">Intended Subject Learning Outcomes to be assessed</th> </tr> <tr> <td data-bbox="496 1391 809 1451"></td> <td data-bbox="809 1391 916 1451">a</td> <td data-bbox="916 1391 1023 1451">b</td> <td data-bbox="1023 1391 1129 1451">c</td> <td data-bbox="1129 1391 1236 1451">d</td> <td data-bbox="1236 1391 1343 1451">e</td> <td data-bbox="1343 1391 1450 1451">f</td> <td data-bbox="1450 1391 1482 1451">g</td> </tr> </thead> <tbody> <tr> <td data-bbox="496 1451 809 1512">Lecture</td> <td data-bbox="809 1451 916 1512">✓</td> <td data-bbox="916 1451 1023 1512">✓</td> <td data-bbox="1023 1451 1129 1512">✓</td> <td data-bbox="1129 1451 1236 1512">✓</td> <td data-bbox="1236 1451 1343 1512">✓</td> <td data-bbox="1343 1451 1450 1512">✓</td> <td data-bbox="1450 1451 1482 1512">✓</td> </tr> <tr> <td data-bbox="496 1512 809 1581">Tutorial</td> <td data-bbox="809 1512 916 1581">✓</td> <td data-bbox="916 1512 1023 1581">✓</td> <td data-bbox="1023 1512 1129 1581">✓</td> <td data-bbox="1129 1512 1236 1581">✓</td> <td data-bbox="1236 1512 1343 1581">✓</td> <td data-bbox="1343 1512 1450 1581">✓</td> <td data-bbox="1450 1512 1482 1581">✓</td> </tr> </tbody> </table>	Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed								a	b	c	d	e	f	g	Lecture	✓	✓	✓	✓	✓	✓	✓	Tutorial	✓	✓	✓	✓	✓	✓	✓																				
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2. Final Examination	50 %	✓	✓	✓	✓	✓	✓	✓																																													

	Total	100 %	
	<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>The objective of the final examination (50%) is for students to review all concepts covered in the course. There are two parts in coursework:</p> <p>Midterm test (30%) requires students to answer key points from various class topics with the aim for evaluating student learning outcomes on individual basis.</p> <p>Class attendance performance (20%) encourages student participation and contributions to various class activities.</p> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>		
Student Study Effort Expected	Class contact:		
	<ul style="list-style-type: none"> ▪ Lectures / Tutorials 	39 Hrs.	
	Other student study effort:		
	<ul style="list-style-type: none"> ▪ Preparation for coursework activities 	42 Hrs.	
	<ul style="list-style-type: none"> ▪ Self-study for course materials 	45 Hrs.	
	Total student study effort		126 Hrs.
Reading List and References	<p><i>Recommended reference materials</i></p> <p>United Nations Conference on Trade and Development (UNCTAD), Review of Maritime Transport, United Nations Publication, New York.</p> <p>Lun, Y. H. V. and Lai, K. H. (2010) Shipping and Logistics Management, Springer, UK. (ISBN-978-1-84882-996-1)</p> <p>Lun, Y. H. V., Lai, K. H. and Cheng, T. C. E. (2009) Container Transport Management, Shipping and Transport Logistics Book Series, Inderscience, Geneva, Switzerland. (ISBN 0-907776-40-X)</p> <p>Hill, C. Schilling, M. A., and Jones, G. R., (2016). Strategic Management: An Integrated Approach, 12th Edition, Cengage Publishers. (ISBN 978-1-305-50227-7)</p> <p>Lu, C.S., Wang, Y, H, Yang, C. C, and Lin, C. C. (2019). International Logistics and Supply Chain Management, Tsang Hai Publishing (Taiwan), Chinese Version.</p> <p>Pierre David, and Stewart, Richard, (2010) International Logistics, Cengage Learning.</p> <p>Scholarly Journals: Maritime Business Review, International Journal of Physical Distribution and Logistics Management</p>		

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5007		
Subject Title	Shipping Economics and Markets		
Credit Value	3		
Level	5		
Normal Duration	1-semester		
Pre-requisite / Co-requisite/ Exclusion	Nil		
Objectives	<p>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.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#3 Resolve economic and financial problems encountered in international shipping (Learning objective 3a)</p>		
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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. 		
Subject Synopsis/ Indicative Syllabus	<p>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; Liner shipping, Externality in shipping; Emission reduction in international shipping;.</p>		
Teaching/Learning Methodology	<p>Lectures will be used for introducing the concept, and tutorials will be conducted for case studies and discussion.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 5px;">Teaching/Learning Methodologies</td> <td style="padding: 5px;">Intended Subject Learning Outcomes to be assessed</td> </tr> </table>	Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed
Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed		

		a	b	c			
	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		
	1. Course work	50%	✓	✓	✓		
	2. Final exam	50%	✓	✓	✓		
	Total	100 %					
Student Study Effort Expected	Class contact:						
	▪ Lectures / Tutorials		39 Hrs.				
	Other student study effort:						
	▪ Term project		87 Hrs.				
	Total student study effort		126 Hrs.				
Reading List and References	<p><i>References</i></p> <p>Stopford, M. (2009) <i>Maritime Economics</i>, 3rd Ed., Routledge, London.</p> <p>Wayne K. Talley (2011). <i>The Blackwell companion to Maritime Economics</i>. Wiley-Blackwell, ISBN 978-1-4443-3024-3</p> <p>Alderton, P.M. (2004) <i>Sea Transport: Operation and Economics</i>, Thomas Reed, East Molesey.</p> <p>Berenson, M and Levine , M (2008) <i>Basic Business Statistics: Concepts and Application</i>, 11th Ed, Pearson</p> <p>Branch, A.E. (2007) <i>Elements of Shipping</i>, 8th Ed., London; New York: Routledge.</p> <p>Button, K. (2010) <i>Transport Economics</i>, 3rd Ed., Cheltenham: Edward Elgar.</p> <p>McConville, J. (1999) <i>Economics of Maritime Transport: Theory and Practice</i>, Witherby, London.</p>						

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5010
Subject Title	Port Policy and Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>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.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#1: Demonstrate how international shipping functions (Learning objective 1b)</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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	<p>Port development: Historical development of ports; geographical location; classification and characteristics; the economic and logistical role and functions of ports.</p> <p>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.</p> <p>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. Application of modern information and communication technology (ICT) to container port.</p> <p>Green policy: ports and the environment: ship-borne and cargo-borne pollution; the influence of ports on the marine ecosystem.</p>

<p>Teaching/Learning Methodology</p>	<p>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.</p> <table border="1" data-bbox="598 555 1437 719"> <thead> <tr> <th data-bbox="598 555 863 618">Teaching/Learning Methodologies</th> <th colspan="4" data-bbox="863 555 1437 618">Intended Subject Learning Outcomes to be assessed</th> </tr> <tr> <td data-bbox="598 618 863 651"></td> <th data-bbox="863 618 1034 651">a</th> <th data-bbox="1034 618 1169 651">b</th> <td data-bbox="1169 618 1305 651"></td> <td data-bbox="1305 618 1437 651"></td> </tr> </thead> <tbody> <tr> <td data-bbox="598 651 863 685">Lecture</td> <td data-bbox="863 651 1034 685">✓</td> <td data-bbox="1034 651 1169 685">✓</td> <td data-bbox="1169 651 1305 685"></td> <td data-bbox="1305 651 1437 685"></td> </tr> <tr> <td data-bbox="598 685 863 719">Tutorial</td> <td data-bbox="863 685 1034 719">✓</td> <td data-bbox="1034 685 1169 719">✓</td> <td data-bbox="1169 685 1305 719"></td> <td data-bbox="1305 685 1437 719"></td> </tr> </tbody> </table>							Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed					a	b			Lecture	✓	✓			Tutorial	✓	✓																				
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	<p>Song, D.W. and Cullinane, K. (Eds.) (2007): <i>Asian Container Ports</i>, Palgrave Macmillan, New York.</p> <p>Talley, W.K. (Ed.) (2008): <i>Maritime Safety, Security and Piracy</i>, LLP, London.</p> <p>Wang, J., Olivier, D., Notteboom, T. and Slack, B. (Eds.) (2007): <i>Ports, Cities, and Global Supply Chains</i>, Ashgate, Aldershot.</p> <p>Journals :</p> <p>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</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5011
Subject Title	Admiralty Law
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	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.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> ▪ <u>Ownership issues</u>: nationality, flag, at what stage a ship acquires the status of a vessel, not a mere structure of steel components. ▪ <u>Maritime liens</u>: various types and how they attach to a vessel. ▪ <u>Claims management</u>: Conventional litigation, Maritime arbitration, New York Convention, validity of a arbitration clause, enforcement of an arbitration award. ▪ <u>Pilotage</u>: compulsory/voluntary pilotage; authority and liability ▪ <u>Collision</u>: nature, measurement of damages, allocation of liability, conventions ▪ <u>Pollution</u>: concepts discussed in leading oil pollution cases. ▪ <u>Salvage and wreckage</u>: nature of salvage, concepts discussed in leading cases. ▪ <u>General average</u>: common law and York-Antwerp Rules. ▪ <u>Limitation of shipowners liability</u>: convention on limitation of liability ▪ <u>Admiralty Jurisdiction</u>: action <i>in rem</i>, ship arrest
Teaching/Learning Methodology	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.						
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 %					
Student Study Effort Expected	Class contact:						
	Lectures / Tutorials						39 Hrs.
	Non-class contact:						
	Class preparation & after class review						87 Hrs.
	Total student study effort						126 Hrs.
Reading List and References	<p>References Various articles selected from:</p> <ul style="list-style-type: none"> a. <i>American Maritime Cases</i> b. <i>The Journal of Maritime Law and Commerce</i> c. <i>Loyola Maritime Law Journal</i> d. <i>Tulane Maritime Law Journal</i> e. <i>University of San Francisco Maritime Law Journal</i> 						

The Hong Kong Polytechnic University

Subject Description Form

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
Objectives	<p>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.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode /Full time Stream)</p> <p>#4 Solve basic legal problems in shipping and insurance (Learning objective 4a)</p> <p>#5 Practise business ethics</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Appreciate the operations of the insurance industry in Hong Kong and London, the United Kingdom. b. Appreciate some U.S. legal concepts of marine insurance law that relevant to Hong Kong. c. Apply principles and law of marine insurance in Hong Kong. d. Analyse legal cases and interpret legislation and legal documents. e. 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	e
	Case presentation	20%	✓	✓	✓	✓	✓
	Assignment/Test	30%	✓	✓	✓	✓	✓
	Examination	50%	✓	✓	✓	✓	✓
	Total	100 %					
<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Students will be asked to apply legal method to provide solutions to problems which are practical and real.</p> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>							

Student Study Effort Expected	Class contact:	
	▪ Lectures / Tutorials	39 Hrs.
	Other student study effort:	
	▪ Self study	87 Hrs.
Total student study effort		126 Hrs.

Reading List and References	<p>Bennett, Howard (2006), The Law of Marine Insurance, Oxford.</p> <p>Goo, S.H. (gen. ed.) (2003), Insurance Law and Practice in Hong Kong, Hong Kong: Sweet & Maxwell.</p> <p>Hodges, Susan (1996), Law of Marine Insurance, London: Cavendish Pub. Ltd.</p> <p>Hodges, Susan (1999), Cases and Materials on Marine Insurance Law, London: Cavendish Pub. Ltd</p> <p>Jervis, Barrie G. (2005), Reeds Marine Insurance, London: Adlard Coles Nautical.</p> <p>Kenneth, Goodacre J (1996), Marine Insurance Claims, 3rd ed., London: Witherby.</p> <p>Merkin, Robert (2012), Colinvaux's Law of Insurance in Hong Kong, 2nd ed, Hong Kong: Thomson Reuters HK Ltd.</p> <p>Rose, F. D. (2012), Marine Insurance: Law and Practice, 2nd ed., Informa Law.</p>
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	<p>Soyer, Baris (2005), Warranties in Marine Insurance, 2nd ed., Routledge-Cavendis</p> <p><i>Recommended periodicals, newspapers, internet materials</i></p> <p>Journal of International Maritime Law Journal of Maritime Law and Commerce Lloyd's Maritime and Commercial Law Quarterly Lloyd's Maritime Law Newsletter</p>
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The Hong Kong Polytechnic University

Subject Description Form

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 Chinese Characters.
Objectives	<p>To provide within an operational and business environment:</p> <p>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;</p> <p>the advanced skills necessary to implement logistics and supply chain management strategy in various industrial sector within a logistics company environment;</p> <p>proactive thinking to achieve and sustain advantage in a rapidly changing business/freight operational environment in China.</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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. Understand the emerging business mode of Chinese logistics companies. Gain strategic insight on how to develop logistics related business within China, with deep-dive analysis into rapid developing sectors. d. Examine the policy and regulations in domestics and international trade, and the logistics relationship between China and Hong Kong. e. Understand and apply the Chinese transport and commercial law. f. Develop the ability to assess and evaluate the different logistics environments in China and Hong Kong.
Subject Synopsis/ Indicative Syllabus	<ul style="list-style-type: none"> ▪ Transport Economics. Demand and supply for freight transportation services, market structure and organization, government intervention, as well as regional economic and transportation development ▪ Organizational 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. ▪ Overview of China Trade and its impact on logistics; Commercial Transport Policy; Trading practice and related government organizations in China; Hong Kong/China co-operation; Future developments in China Trade.

	<ul style="list-style-type: none"> Customs ordinances and trade regulations; Legal framework for transport and logistics in China; Foreign investment law in transport and logistics industries; Legal framework for Chinese Free Trade Zones; Chinese dispute resolution mechanisms for maritime and logistics cases, Chinese Maritime Law (covering bills of lading, marine insurance); and Chinese Civil Code (covering domestic transportation contracts and warehouse contracts). 																																						
<p>Teaching/Learning Methodology</p>	<p>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.</p> <p>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.</p> <table border="1" data-bbox="584 712 1342 880"> <thead> <tr> <th>Teaching/Learning Methodologies</th> <th colspan="6">Intended Subject Learning Outcomes to be assessed</th> </tr> <tr> <td></td> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> <th>f</th> </tr> </thead> <tbody> <tr> <td>Lecture</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Tutorial</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table>	Teaching/Learning Methodologies	Intended Subject Learning Outcomes to be assessed							a	b	c	d	e	f	Lecture	✓	✓	✓	✓	✓	✓	Tutorial	✓	✓	✓	✓	✓	✓										
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	<ul style="list-style-type: none"> ▪ Self study 	45 Hrs.
	<ul style="list-style-type: none"> ▪ Coursework 	42 Hrs.
	Total student study effort	126 Hrs.
<p>Reading List and References</p>	<p><u>Recommended Textbooks and Statistical Reports</u></p> <p>Charles Guowen Wang, <i>CSCMP Global Logistics Perspective – China</i>, 2015</p> <p>Blauwens,Gust; Peter De Baere, Eddy van de Voorde (2006), <i>Transport economics Antwerpen</i> : De Boeck.</p> <p><i>China freight transport report</i> [electronic resource] / Business Monitor International London : Business Monitor International.</p> <p>Anming Zhang et al. (2004), <i>Air cargo in mainland China and Hong Kong</i> / Anming Zhang ... [et al.]. Aldershot, England : Ashgate, c2004.</p> <p>Hirst, Mike., (2008), <i>The air transport system</i>, Cambridge, England : Woodhead Pub.</p> <p><i>Ports, cities, and global supply chains</i>, Edited by James Wang et al., Aldershot, England : Ashgate, 2007.</p> <p>《中国物流发展报告》/中国物流与采购联合会、中国物流学会,北京市:中国物资出版社</p> <p>《中國海關》 [electronic resource] 北京:中國學術期刊(光盤版)電子雜誌社</p> <p>《中国现代物流发展报告》,南开大学/国家发改委</p> <p>《中国物流年鉴》,中国物资出版社</p> <p>《中国供应链管理蓝皮书》, 丁俊发主编, 中国:中国物资出版社,</p> <p><u>Reference Journals and database: (available via POLYU library e-journals)</u></p> <p>Journal of Air Transport Management</p> <p>Maritime Policy and Management</p> <p>Maritime Economics and Logistics</p> <p>Transportation Research – Part A</p> <p>Transportation Research – Part E</p> <p>Transport Policy</p> <p>Chinalawinfo</p>	

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5014
Subject Title	Air Transport Logistics and Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Nil
Objectives	<p>To provide students with an insight and understanding of the economic principles and key issues in the logistics operation and management of air transport.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#2 Evaluate international logistics systems, operations and management, provide an insight and understanding of the concepts, theory of international logistics</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Appreciate the dynamic nature of the air transport logistic industry. b. Understand the basics of aviation economics, including impacts of the external forces (economic, geographic, demographic, legal, political, environmental and technological), and the internal forces (economic, competitive, operational) on the air transport logistics business. c. Use data to conduct cost-benefit analysis and model demand in air transport markets. d. Understand the basics of air cargo operation and airport operation. e. Understand the implication and application of artificial intelligence in air transport.
Subject Synopsis/ Indicative Syllabus	<p>The following topics will be covered in various extents and forms. The instructor may change the order and weights of these topics wherever fits.</p> <ul style="list-style-type: none"> • Economic impacts and current issues in the air transport industry • Influential factors of aviation markets • Air transport demand • Costs and production of air transport services • Intermodal issues in the air transport industry

	<ul style="list-style-type: none"> • Air cargo operation • Air freight forwarding / Express business model • Airport operation • Low-cost carriers • Applications of artificial intelligence in air transport 																																						
<p>Teaching/Learning Methodology</p>	<p>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.</p>																																						
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Total student study effort	126 Hrs.																																						
<p>Reading List and References</p>	<p>Book</p> <p>Button, K. and Stough, R. (2000). <i>Air Transport Networks: Theory and Policy Implications</i>, Cheltenham, Northampton, Mass.: Edward Elgar Pub.</p> <p>De Neufville, R., Odoni, A., Belobaba, P. and Reynolds, T. (2013). <i>Airport Systems – Planning, Design and Management</i> (2 ed.), McGraw-Hill.</p> <p>Doganis, R. (2019), <i>Flying Off Course: The Economics of International Airlines</i>, 5th edition, Routledge.</p>																																						

	<p>Morrell, P. (2019), <i>Moving Boxes by Air: The Economics of International Air cargo</i>, 2nd edition, Abingdon, Oxon : Routledge</p> <p>Oum, T.H, and Yu, C. (1998) <i>Winning Airlines: Productivity and Cost Competitiveness of the World's Major Airlines</i>, Kluwer Academic, Boston.</p> <p>Oum, T.H., Park, J. H. and Zhang, A. (2000), <i>Globalization and Strategic Alliances: The Case of the Airline Industry</i>, Pergamon for Elsevier Science.</p> <p>Vasigh, B., Fleming, K. and Tacker, T. (2008), <i>Introduction to Air Transport Economics</i>, Ashgate</p> <p>Wensveen, J. G. (2011). <i>Air Transportation: A Management Perspective</i> (7th ed.), Ashgate.</p> <p>Journals Air Cargo News Airline Business Aviation Strategy Flight International Aviation Economics Journal of Air Transport Management</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5015
Subject Title	Supply Chain Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>This course discusses the concepts, theory, models, tools, and the best practices of modern supply chain management (SCM) to help students:</p> <ul style="list-style-type: none"> ▪ understand the strategic importance of SCM in improving a firm's competitive position in the marketplace with consideration of the fast-evolving economic, policy, and regulatory requirements for international trade and logistics;; ▪ 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 design of international logistics networks and distribution strategies ▪ 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 data science skills for analyzing and managing a supply chain in an organization. <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#2 Evaluate international logistics systems, operations and management, provide an insight and understanding of the concepts, theory of international logistics</p> <p>MSc/PgD in Global Supply Chain Management</p> <p>#1 Employ supply chain management #5 Practise business ethics</p>

Intended Learning Outcomes	Upon completion of the subject, students will be able to: <ul style="list-style-type: none">a. evaluate the impact of supply chain and international logistics activities on the financial performance of a firmb. identify and assess the inter-actions of inventory, time, information, and financial factors in a supply chain contextc. understand basic data science and modelling approaches for supply chain design, coordination and optimizationd. recognize and understand the importance of the multi-organizational nature of supply chain managemente. recognize and understand the importance of logistics network design and distribution strategies and the corresponding multi-modal transportation arrangements that are essential to contemporary shipping and logisticsf. recognize and understand some key issues in supply chain management and the possible approaches that can be used to tackle these issuesg. understand the ethical issues in the global supply chain management
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<p>Subject Synopsis/ Indicative Syllabus</p>	<ul style="list-style-type: none"> ▪ 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 																																						
<p>Teaching/Learning Methodology</p>	<p>Lectures to introduce concepts, theories, management issues, and methodologies.</p> <p>Case studies and/or group projects: 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.</p> <p>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.</p>																																						
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="536 1115 1481 1469"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> <th>f</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>*Coursework may include case studies, group projects, individual assignments, and class participation</p> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c	d	e	f	1. Coursework*	50 %	✓	✓	✓	✓	✓	✓	2. Examination	50 %	✓	✓	✓		✓	✓	Total	100 %						
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1. Coursework*	50 %	✓	✓	✓	✓	✓	✓																																
2. Examination	50 %	✓	✓	✓		✓	✓																																
Total	100 %																																						
<p>Student Study Effort Expected</p>	<table border="1" data-bbox="536 1682 1481 2047"> <tr> <td>Class contact:</td> <td></td> </tr> <tr> <td>▪ Lectures / Tutorials</td> <td>39 Hrs.</td> </tr> <tr> <td>Other student study effort:</td> <td></td> </tr> <tr> <td>▪ Readings / Homework / Projects / Case studies</td> <td>87 Hrs.</td> </tr> </table>	Class contact:		▪ Lectures / Tutorials	39 Hrs.	Other student study effort:		▪ Readings / Homework / Projects / Case studies	87 Hrs.																														
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	Total student study effort	126 Hrs.
Reading List and References	<p>Simchi-Levi, Kaminsky and Simchi-Levi, <i>Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies</i>, 3rd Edition, McGraw-Hill, 2008.</p> <p>Cachon and Terwiesch, <i>Matching Supply with Demand: An Introduction to Operations Management</i>, 4th Edition, McGraw-Hill Education, 2019.</p> <p>Chopra, <i>Supply Chain Management: Strategy, Planning, and Operation</i>, 7th Edition, Pearson, 2019.</p>	

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5017
Subject Title	Maritime Logistics
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	The aim of this unit is to provide students with a full understanding of current developments in maritime transport logistics, and to enable them to identify and solve problems related to maritime transport logistics in the context of international shipping.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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	<p>Environment of international logistics, 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. Transshipment hub, logistical networks and feeder concepts. Management of multimodal transport. Management of multimodal transport. Technologies in maritime logistics such as autonomous ship, Blockchain, and AI. Logistics center and free trade zone. Maritime security issues.</p>
Teaching/Learning Methodology	<p>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.</p> <p>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.</p>

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							
	Home assignment	30%	✓	✓	✓			
	Participation in discussions / Attendance	30%	✓	✓	✓			
	Examination	40%	✓	✓	✓			
	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.

Student Study Effort Expected	Class contact:	
	▪ Lectures / Tutorials	39 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	<p>United Nations Conference on Trade and Development (UNCTAD), Review of Maritime Transport 2020, United Nations, 2021</p> <p>Dong-Wook Song, Photis M. Pannyides, Maritime logistics: a guide to contemporary shipping and port management, Kogan Page, 2nd Edition, ISBN-13: 978-0749472689, 2016.</p> <p>Alphaliner, weekly issue.</p> <p>Su, E., Tang, E., Lai, K. K., Lee, Y. P., and Edward Tang, Operational Risk Management in Container Terminals, Taylor and Francis, 2015.</p> <p>Container terminals and automated transport systems: logistics control issues and quantitative decision support / Hans-Otto Günther, Kap Hwan Kim, editors. Berlin: Springer-Verlag, 2005.</p> <p>Cullinane, Kevin, International handbook of maritime economics, Edward Elgar, 2011.</p> <p>Maritime private security market responses to piracy, terrorism and waterborne security risks in the 21st century, Routledge, 2012.</p> <p>Pozdnakova, Alla (2008), Liner shipping and EU competition law, Wolters Kluwer.</p> <p><u>Journals</u></p> <p>Maritime Business Review</p> <p>Maritime Economics and Logistics Journal.</p> <p>Fairplay- The International Shipping Weekly.</p> <p>Maritime Policy and Management.</p> <p>International Journal of Shipping and Transport Logistics</p> <p>Transportation Research Part E: Logistics and Transportation Review</p> <p>Alphaliner, Clarksons, Lloyd's List.</p>	

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5037
Subject Title	Project Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>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.</p> <p>To provide the students key components of project management, and practical methodologies in managing projects of different natures.</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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. Recognize issues in a realistic project scenario. e. Identify and use key performance metrics for measuring project success.
Subject Synopsis/ Indicative Syllabus	<ul style="list-style-type: none"> ▪ Definition and characteristics of a project, project success criteria, project life cycle, project management trade-off, and corporate social responsibility in project management ▪ Project selection, and project portfolio evaluation ▪ Project defining, project budgeting, and Work Breakdown Structure (WBS) ▪ Project planning, project network, critical path method (CPM), and Gantt charts ▪ Resource management ▪ Risk management, PERT, and critical chain project management (CCPM) ▪ Cost and time management ▪ Project monitoring and control ▪ Project closure ▪ Managing project team, stakeholder analysis, effective project communication, and ethical issues in project management ▪ Project management software tools

<p>Teaching/Learning Methodology</p>	<p>Lectures are designed to provide a basic grounding in principles, concepts and techniques in project management.</p> <p>Tutorials provide the environment and means for student-centered learning, in the form of class discussions, case analyses, problem exercises, simulation games, group project, and experience sharing.</p>																																		
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="536 423 1485 786"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="5">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> </tr> </thead> <tbody> <tr> <td>1.Continuous assessment</td> <td>50%</td> <td>√</td> <td>√</td> <td>√</td> <td>√</td> <td>√</td> </tr> <tr> <td>2. Final examination</td> <td>50%</td> <td>√</td> <td>√</td> <td>√</td> <td>√</td> <td>√</td> </tr> <tr> <td>Total</td> <td>100 %</td> <td colspan="5"></td> </tr> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Continuous assessment consists of course project and homework assignment, which can assess the students' understanding in theories, techniques and principles, evaluate their ability to apply project management methodologies/techniques and their ability to recognize and solve problems in real business environment.</p> <p>Final examination will assess the students' understanding in theories and principles, evaluate their ability to apply methods and techniques independently.</p>		Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					a	b	c	d	e	1.Continuous assessment	50%	√	√	√	√	√	2. Final examination	50%	√	√	√	√	√	Total	100 %					
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<p>Reading List and References</p>	<p>Larson, E.W. and Gray, C.F. (2017), Project Management: the Managerial Process. 7th Edition. McGraw-Hill.</p> <p>Brown, K.A. and Hyer, N.L. (2010), Managing Projects: A Team-Based Approach. McGraw-Hill.</p> <p>PMI. (2017), A Guide to the Project Management Body of Knowledge (PMBOK Guide). 6th Edition. Newton Square, PA, USA.</p> <p>Snyder, C. (2016), Microsoft Project 2016 for Dummies. Wiley.</p> <p>Klastorin, T. (2011), Project Management, Tools and Trade-offs. 1st Edition. Pearson Learning Solutions.</p>																																		

	<p>Goldratt, E.M. (2002), <i>Critical Chain</i>. 1st Edition. The North River Press, Great Barrington, MA, USA.</p> <p>Meredith, J.R. and Mantel, S. (2011), <i>Project Management: a Managerial Approach</i>. 8th Edition. John Wiley & Sons, Inc.</p> <p>Thomke, S. (2007), <i>Managing Product and Service Development: Text and Cases</i>. McGraw-Hill.</p> <p>Lister, A. (2005), <i>Project Planning and Control</i>. Elsevier Ltd.</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5046
Subject Title	Contract Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>To equip students with the knowledge and understanding of the forms and management of contractual relationships with specific emphasis on the ways to realize purchasing objectives through legal contracting, negotiation and management.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in Global Supply Chain Management</p> <p>#3 Manage global sourcing and procurement</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Recognize the different stages of typical contract life cycle, from contract negotiation to its conclusion (full performance, termination, or novation); b. Understand the key concepts related to contract law, with special attention to the Uniform Commercial Code (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 <i>SCS Communications, Inc. v. Herrick Co., Inc.</i>, 360 F.3d 329 (2d Cir. 2004)); d. Appreciate the legal implications of technical changes in modern sales contract performance by discussing the principles mentioned in <i>U.S. v. Bruce</i> 531 F. Supp. 2d 983, which involved the use of counterfeit Universal Product Code (UPC) stickers to purchase retail products at less than its full retail price; e. 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 framework and issues of Contract Management; f. 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;

	<p>g. Examine major issues of legal risk exposure and risk management under the contract management spectrum;</p> <p>h. Familiar with contract management to a level that is adequate for continued self-enhancement of knowledge and practical applications of the subject; and</p> <p>i. Explore and understand how emerging technologies (for examples, artificial intelligence, blockchain, cloud computing etc.) impose potential and apparent issues in managing contracts, particular maintaining the contractual relationships between contracting parties.</p>
<p>Subject Synopsis/ Indicative Syllabus</p>	<p>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 the UCC and the Vienna Convention on International Sales of Goods); how to draft commercial agreement, with focus on ‘Joint Letter of Intent’.</p> <p>Legal implications of the technical changes in modern sales contract performance: legal cases relate to the use of counterfeit Universal Product Code (UPC) stickers to purchase retail products at less than its full retail price.</p> <p>Dispute resolution and relationship strategies: making and defending a claim and dispute resolutions.</p> <p>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.</p> <p>Pre-Contract Negotiation: understanding, objectives and phases of contract negotiation, contract negotiation power and skills, roles of negotiator and negotiation tactics.</p> <p>Contract Management Framework and Practices; contract management framework and (best) practices in contexts and actions.</p> <p>Dispute Resolution and Management: conflict and disputes, dispute handling, alternative dispute resolution, and dispute negotiation skills.</p> <p>Current Issues of Contract Management: legal risks and management, legal remedies, standard form contract, relationship management, enterprise contract management software solutions, and emerging technologies (for examples, artificial intelligence, blockchain, cloud computing etc.) relevant to (best) practices of managing contracts on the one hand and maintaining contractual relationships between the contractual parties on the other.</p>
<p>Teaching/Learning Methodology</p>	<p>The lectures cover the basic concepts and theories. Tutorial sessions, if any, allow students to discuss the lectures and present the application of different methods to manage contracts in smaller groups.</p>

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	h	i
	Coursework	50%	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Final Examination	50%	✓	✓	✓	✓	✓	✓	✓	✓	✓
Total	100 %										
<p>Not less than 10% of the course grade will be assigned to assess the learning outcome items (d) and (i) in the forms of individual and/or group assignments or one examination question in the final examination (to be decided by the subject lecturers).</p>											
Student Study Effort Expected	Class contact:										
	<ul style="list-style-type: none"> Lectures / Tutorials (if any) 										39 hrs.
	Other student study effort:										
	<ul style="list-style-type: none"> Reading and self-study 										45 hrs.
	<ul style="list-style-type: none"> Preparation for coursework and final examination 										42 hrs.
Total student study effort										126 hrs.	
Reading List and References	<u>Main Reference Textbooks</u>										
	The Chartered Institute of Purchasing and Supply (2002), Project and Contract Management, CIPS										
	Siviglia, P. (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); <i>Flight Systems, Inc. v. Electronic Data Systems Corp.</i> (1997) 112 F.3d 124; <i>SCS Communications, Inc. v. Herrick Co., Inc.</i> (2004) 360 F.3d 329										
	Burt, D., Petcavage, S. and Pinkerton, R. (2010). ‘Supply management’. 8 th Edition, McGraw-Hill/Irwin.										
	Costantino, 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’. 3 rd 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.										
	<u>Main Reference Journals</u>										
The International Association for Contract & Commercial Management											
National Contract Management Association – Journal of Contract Management											

	<p>Institute for Supply Management – Journal of Supply Chain Management</p> <p><u>Legislations</u></p> <p>Sale of Goods Ordinance (Cap 26) (Hong Kong)</p> <p>Uniform Commercial Code (U.S.)</p> <p>Vienna Convention on International Sales of Goods (international)</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5064
Subject Title	Shipping Law
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>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.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#4 Solve basic legal problems in shipping and insurance (Learning objective 4b)</p> <p>#5 Practise business ethics</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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	<p>Sea: Carrier's rights and obligations at common law and under international and domestic laws (i.e., the Hague Rules, Hague-Visby Rules, Hamburg Rules, and Hong Kong Carriage of Goods by Sea Ordinance). Function of shipping documents including paper-based bills of lading, delivery orders, mate's receipts, sea waybills, as well as blockchain technology and electronic bills of lading. Charter parties: voyage and time charterparties.</p> <p>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.</p> <p>Multimodal/Combined transport: Analysis of its characteristics, 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.</p>

	<p>Freight forwarding: Functions of freight forwarders and relevant standard trading conditions.</p>																																															
<p>Teaching/Learning Methodology</p>	<p>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 learning materials and discuss different issues.</p> <p>In tutorials, students will have the chance to practice the legal method through the discussion and analysis of legal cases or legal issues.</p>																																															
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="533 600 1485 1021"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Legal case presentation</td> <td>25%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Mid-term test</td> <td>25%</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> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Students will be asked to apply legal method to provide solutions to problems which are practical and real.</p> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>		Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c				Legal case presentation	25%	✓	✓	✓				Mid-term test	25%	✓	✓	✓				Examination	50%	✓	✓	✓				Total	100 %						
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<p>Reading List and References</p>	<p>Baughen, Simon (2015) Shipping Law, 6th ed., London and New York: Routledge Taylor & Francis Group</p> <p>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</p> <p>Clarke, M & Yates, D, (2008) Contracts of Carriage by Land and Air, 2nd ed, London: Informa Law</p> <p>Glass, D, (2012) Freight Forwarding and Multimodal Transport Contracts, 2nd ed, London: Informa Professional</p> <p>Goldby, Miriam (2019) Electronic Documents in Maritime Trade: Law and Practice. 2nd Ed. Oxford University Press.</p> <p>Rogers, Anthony, et al, (2016) Cases and Materials on the Carriage of Goods by Sea, 4th ed., London and New York: Routledge Taylor & Francis Group</p> <p>Wilson, John F., (2010) Carriage of Goods by Sea, 7th ed, England: Pearson Education Ltd</p> <p><u>Recommended periodicals, newspapers</u></p> <p>Journal of Maritime Law and Commerce</p> <p>Journal of Business Law</p> <p>Lloyd’s List</p> <p>Lloyd’s Maritime and Commercial Law Quarterly</p> <p>Lloyd’s Maritime Law Newsletter</p> <p>Journal of International Maritime Law</p> <p>Tulane Maritime Law Journal</p>
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The Hong Kong Polytechnic University

Subject Description Form

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
Objectives	<p>To provide students with academic and practical knowledge of a broad range of academic concepts and practical techniques/methods in investment and financial management, and to develop skills in applying these to decision-making in investment and financing in shipping and logistics.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream).</p> <p>#3 Resolve economic and financial problems encountered in international shipping (Learning objective 3b).</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Understand a broad range of academic concepts and practical techniques and methods in investment and financial management and decision-making covering investing and financing decisions; a. Develop and apply appropriate financial management skills to investing and financing decision-making in shipping and logistics; and b. Explore and understand how emerging technologies lead to potential and apparent changes in shipping finance in terms of investing/ disinvesting and financing decisions.
Subject Synopsis/ Indicative Syllabus	<ol style="list-style-type: none"> a. Fundamental and practical issues in shipping relating to shipping finance, covering (i) shipping markets, (ii) shipping cycle, (iii) chartering arrangement (split of risks and apportionment of costs), (iv) maritime economics and economic analysis, (v) shipping industry and market analysis, (vi) principles of ship valuation, (vii) maritime lien and ship arrest, (viii) one ship company in ship ownership and registration etc. b. Fundamental concepts and practical techniques/methods in corporate finance (financial management and dual decision (decision-making in investment and financing)) relating to shipping finance, covering (i)

	<p>capital budgeting, (ii) capital structure, (iii) cost of capital, (iv) techniques of evaluation and appraisal of investment project (particularly discounted cashflow analysis) and financial statements analysis), (v) ship revenue (cash inflow) and running costs (cash outflow) etc.</p> <p>c. Major sources and types of finance in shipping covering (i) general type and ship-specific-type, (ii) capital market (including equity and bond markets), (iii) bank shipping finance (including commercial banks (bilateral mortgage loans and corporate loans), government banks and investment banks), (iv) shipping loan documentation and (vi) relevant topics relating to financing for shipping.</p> <p>d. Emerging technologies and its applications in shipping finance from shipping market and capital market perspectives (e.g., FinTech, Blockchain, Big Data Analytics, Business Analytics etc.)</p>																																												
<p>Teaching/Learning Methodology</p>	<p>Lecture: Learn academic concepts and practical techniques/methods in dual decision (including both investing and financing decisions) aims at putting and applying academic concepts and practical techniques/methods into contexts.</p> <p>Coursework and final examination: Learn to practically apply the basic investing and financing techniques and methods to logistics/maritime industry, and to study selected topics in-depth.</p>																																												
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="520 1043 1474 1402"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Coursework</td> <td>50%</td> <td>✓</td> <td>✓</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> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>100 %</td> <td colspan="6"></td> </tr> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>The coursework assesses the abilities of students to understand, comprehend and apply the knowledge and skills in shipping finance covering the full picture of investing and financing decisions.</p> <p>The final examination tests the abilities of the students to understand and comprehend all basic concepts, knowledge, techniques and methods of shipping finance, and also their abilities of the students to apply all basic skills to resolve ship investment and financing problems.</p> <p>Not less than 10% of the course grade will be assigned to assess the learning outcome item (c) in the coursework or one examination question in the final examination (to be decided by the subject lecturer).</p>							Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c	d			Coursework	50%	✓	✓	✓	✓			Final examination	50%	✓	✓	✓	✓			Total	100 %						
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Total	100 %																																												
<p>Student Study Effort Expected</p>	<p>Class contact:</p>																																												
	<ul style="list-style-type: none"> ▪ Lectures / Tutorials (if any) 					<p>39 Hrs.</p>																																							

	Other student study efforts:	
	▪ Reading and self-study	42 Hrs.
	▪ Preparation for coursework and final examination	45 Hrs.
	Total student study efforts	126 Hrs.
Reading List and References	<p>Brealey, A.R., Myers, C.S. and Allen, F. (2011). Principles of corporate finance, International Edition (10th ed.), McGraw-Hill.</p> <p>Ross, S., Westerfield, R. and Jaffe, J. (2007). Modern financial management (8th ed.), McGraw-Hill.</p> <p>Drewry Consultants (1998). Ship finance: Choices, competition and risk/reward equations, Drewry, London.</p> <p>Drewry Consultants (2001). Ship finance and investment. Drewry, London.</p> <p>Ocean Shipping Consultants Ltd. (2004). Shipping profitability to 2015.</p> <p>Stokes, P. (1997). Ship Finance – Credit expansion and the boom-bust cycle, Lloyd’s of London Press.</p> <p>Stopford, M. (2009). Maritime Economics (3rd ed). Routledge.</p> <p>TradeWinds – Daily news of shipping (with focus on the Finance Section)</p>	

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5067
Subject Title	Intermodal Transport Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>This course help students understand</p> <ul style="list-style-type: none"> • the methods and tools for depicting and designing effective intermodal transport chains • the evolution of supply chain, impact of ecommerce, globalization and other factors and trends on the intermodal transport • the operations of intermodal transport and various concepts of freight transport chains • the containerization and different intermodal transport equipment in intermodal transport • the economic, political, regulatory, infrastructure and technological barriers to the adoption of intermodal transport and solutions • latest strategies and case studies of intermodal transport in different industries and continents
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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 economic, political, regulatory, infrastructure and technological issues in relation to the operations and management of intermodal transport; c. design and evaluate intermodalism in an integrated form which reflects sound business practices; d. understand the use of different load units, handling equipment and transport modes in intermodal transport.
Subject Synopsis/ Indicative Syllabus	<ul style="list-style-type: none"> • Introduction of the freight transport services • Transportation modes, modal competition and modal shift • Concepts of freight transport chains, including multimodal, intermodal, combined modal, co-modal, synchronodal transport

	<ul style="list-style-type: none"> • Depicting the performance of intermodal transport • Concepts of fitness and friction • Intermodal transport and containerization • Intermodal transport equipment • Design of intermodal transport networks • Challenges to the adoption of intermodal transport • Modifying the supply chain to suit intermodal transport • Modelling of intermodal system 																																						
<p>Teaching/Learning Methodology</p>	<p>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.</p>																																						
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 25%;">Specific assessment methods/tasks</th> <th rowspan="2" style="width: 10%;">% weighting</th> <th colspan="6" style="width: 65%;">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th style="width: 8%;">a</th> <th style="width: 8%;">b</th> <th style="width: 8%;">c</th> <th style="width: 8%;">d</th> <th style="width: 8%;"></th> <th style="width: 8%;"></th> </tr> </thead> <tbody> <tr> <td>Coursework</td> <td>50%</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td></td> <td></td> </tr> <tr> <td>Examination</td> <td>50%</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td style="text-align: center;">✓</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>100 %</td> <td colspan="6"></td> </tr> </tbody> </table>	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 %						
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<p>Student Study Effort Expected</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%;">Class contact:</td> <td style="width: 25%;"></td> </tr> <tr> <td>▪ Lectures / Tutorials</td> <td style="text-align: right;">39 Hrs.</td> </tr> <tr> <td>Other student study effort:</td> <td></td> </tr> <tr> <td>▪ Readings / Homework / Projects / Case studies</td> <td style="text-align: right;">87 Hrs.</td> </tr> <tr> <td>Total student study effort</td> <td style="text-align: right;">126 Hrs.</td> </tr> </table>	Class contact:		▪ Lectures / Tutorials	39 Hrs.	Other student study effort:		▪ Readings / Homework / Projects / Case studies	87 Hrs.	Total student study effort	126 Hrs.																												
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Total student study effort	126 Hrs.																																						
<p>Reading List and References</p>	<p><i>Recommended textbooks</i></p> <p>Reis, Vasco, Macario, Rosario, <i>Intermodal Freight Transportation</i>, Elsevier, San Diego, 2019</p> <p>Monios, Jason, Bergqvist, Rickard, <i>Intermodal Freight Transport and Logistics</i>, CRC Press, London, 2017</p> <p><i>References</i></p> <p>Rodrigue, Jean-Paul, Fifth Edition, <i>The Geography of Transport Systems</i>, Routledge, New York, 2020</p>																																						

	Rodrigue, Jean-Paul, <i>Port Economics, Management and Policy</i> , Routledge, New York, 2021
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5071
Subject Title	Ship Chartering Strategies
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>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).</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#1: Demonstrate how international shipping functions (Learning objective 1b)</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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. <p>Studying this subject will also help develop students’ relevant communication skills in chartering.</p>
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. Smart contracts.
Teaching/Learning Methodology	<p>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.</p>

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 %						
<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>A group assignment will be designed to analyse chartering decisions of a real corporate.</p> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>								
Student Study Effort Expected	Class contact:							
	▪ Lectures / Tutorials							39 Hrs.
	Other student study effort:							
	▪ Assignment 1							45 Hrs.
	▪ Assignment 2							42 Hrs.
	Total student study effort							126 Hrs.

<p>Reading List and References</p>	<p>References</p> <p>Alizadeh, A. H. and Nomikos, N. K. (2009). <i>Shipping Derivatives and Risk Management</i>. Palgrave MacMillan.</p> <p>BIMCO (2009). <i>Check before Fixing</i>, Copenhagen, BIMCO.</p> <p>Collins, N. (2000). <i>The Essential Guide to Chartering and the Dry Freight Market</i>, Clarksons Research Studies.</p> <p>Grey J. (1990). <i>Shipping Futures</i>, London, LLP.</p> <p>ICS (2013). ICS Tutorship Series. Institute of Chartered Shipbrokers.</p> <p>Kavussanos, M. G., and Visvikis I. D. (2006). <i>Derivatives and Risk Management in Shipping</i>, London: Witherbys.</p> <p>Latarche, M. (1998). <i>Port Agency</i>. Witherby.</p> <p>Lorange, P. (2004). <i>Shipping Company Strategies</i>. Elsevier.</p> <p>Lorange, P. (2009). <i>Shipping Strategy: Innovating for Success</i>. Cambridge University Press.</p> <p>McConville, J. (1999). <i>Economics of Maritime Transport: Theory and Practice</i>. Witherby.</p> <p>Packard W. (1978). <i>Voyage Estimating</i>, London: Fairplay.</p> <p>Packard W. (1979). <i>Laytime Calculating</i>, London: Fairplay.</p> <p>Packard, W. V. (1995). <i>Shipping Pools</i> (2nd edition). Lloyds of London Press.</p> <p>Panayides, P.M. (2014). <i>Principles of Chartering</i>. CreateSpace Independent Publishing Platform.</p> <p>Plomaritou, E. and Papadopoulos, A. (2018). <i>Shipbroking and Chartering Practice</i> (8th edition). Informa Law.</p> <p>Strong, M. and P. Herring (2016). <i>Sale of Ships: The Norwegian Saleform</i> (3rd edition). Thomson.</p> <p>Wilson J. F. (2010). <i>Carriage of Goods by Sea</i> (7th edition), Pearson.</p> <p>Periodicals</p> <p>Lloyd's List</p> <p>Maritime Business Review</p> <p>Review of Maritime Transport, UNCTAD</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5072
Subject Title	Liner Shipping Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>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 the liner shipping sector.</p> <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in International Shipping and Transport Logistics (Mixed-mode/Full time Stream)</p> <p>#1: Demonstrate how international shipping functions (Learning objective 1b)</p>
Intended Learning Outcomes	<p>This subject aims to meet the demand in the shipping and logistics industry for professional managers. On completing this subject, students will be able to:</p> <ol style="list-style-type: none"> 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 practical problem solving. c. Appreciate the application of technologies such as Artificial Intelligence and Blockchain in liner operations and documentation <p>Students are expected to demonstrate a range of cognitive and intellectual skills together with techniques specific to the management of liner shipping.</p>
Subject Synopsis/ Indicative Syllabus	<p>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. Port costs and charges. The development of a fleet of the container ship. Economies of scale in ship capacity. The logistics of container transport networks. The formation of shipping pools, consortium and alliances. Routes selection</p>

	<p>criteria and new trade routes. Demise in Liner conference system, UN Liner code, CSI, ISPS code, ECA and related government policies. Service contract and pricing mechanism. Structure of freight rates. Selection of equipment and container leasing. E-commerce in container shipping. AI, Cyber Security and Blockchain application. Chartering in the liner sector. Market structure and key influences in liner chartering. Impacts on ship routing under current geopolitical environment</p>																																												
<p>Teaching/Learning Methodology</p>	<p>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.</p>																																												
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="533 616 1485 976"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <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> </tbody> </table> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>							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 %						
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<p>Student Study Effort Expected</p>	<p>Class contact:</p> <ul style="list-style-type: none"> ▪ Lectures / Tutorials <p>Other student study effort:</p> <ul style="list-style-type: none"> ▪ Self Study <p>Total student study effort</p>						<p>39 Hrs.</p> <p>87 Hrs.</p> <p>126 Hrs.</p>																																						

<p>Reading List and References</p>	<p><i>Recommended Textbooks</i></p> <p>Brooks, M.R. (2000), <i>Sea Change in Liner Shipping</i>, Pergamon, London.</p> <p>Brooks. M. R., (2002), <i>Maritime Transport</i>, Edward Elgar</p> <p>Buckley, James J., (2008), <i>The business of shipping</i>. Centreville, Md., Cornell Maritime Press</p> <p>Drewry Shipping Consultants (2000), <i>Container Market Outlook: High Risk & High Stakes: Where is the Payback?</i> Drewry, London.</p> <p>Drewry Shipping Consultants (2002), <i>Container Leasing: Seeking out the Opportunities</i>, Drewry, London.</p> <p>Drewry Shipping Consultants Ltd. (2007), Annual review of global container terminal operators - 2007.,Drewry, London</p> <p>Graham, M.G. (1985), <i>Containerisation in the Eighties</i>, Lloyd's of London Press, London.</p> <p>Greve, Majbritt. (2007), <i>Container shipping and economic development : a case study of A.P. Moller - Maersk in South East Asia</i>, Copenhagen : Copenhagen Business School Press</p> <p>Islam, Nazrul(2019), <i>Silk road to belt road : reinventing the past and shaping the future</i>, Springer 2019</p> <p>Lloyd's List (2001), <i>Container Shipping: Executive Summit III</i>, 28-29 November 2001, Island Shangri-La, Hong Kong SAR. Publisher IBC Asia Ltd.</p> <p>Nair R (2009), <i>Economic regulation and structural changes: liner shipping industry</i>, Saarbwcken, Muller</p> <p>Pozdnakova. A (2008), <i>Liner shipping and EU competition law</i>, alphen aan den Rijn, Kluwer Law International</p> <p>Stopford, Martin. (2009), <i>Maritime economics</i>, Abingdon ; New York : Routledge,</p> <p>Talley W., (2012), <i>The Blackwell companion to maritime economics</i>, John Wiley & sons</p> <p>Tierney, K.,(2015), <i>Optimizing liner shipping fleet repositioning plans</i>, Springer 2015</p> <p>Windeck, V., (2013) <i>A Liner Shipping Network Design</i>, Springer Gabler</p> <p><i>Other publications</i></p> <p>Containerisation International</p> <p>Dynamar B.V. (2003), <i>Container Liner Operators: Trading Profiles</i> [in Disc format]</p> <p>Fairplay - The International Shipping Weekly</p> <p>Maritime Economics and Logistics Journal</p> <p>Maritime Policy and Management</p> <p>Maritime Transport, OECD Publication</p>
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Note 1: Intended Learning Outcomes

Intended learning outcomes should state what students should be able to do or attain upon completion of the subject. Subject outcomes are expected to contribute to the attainment of the overall programme outcomes.

Note 2: Subject Synopsis/ Indicative Syllabus

The syllabus should adequately address the intended learning outcomes. At the same time over-crowding of the syllabus should be avoided.

Note 3: Teaching/Learning Methodology

This section should include a brief description of the teaching and learning methods to be employed to facilitate learning, and a justification of how the methods are aligned with the intended learning outcomes of the subject.

Note 4: Assessment Method

This section should include the assessment method(s) to be used and its relative weighting, and indicate which of the subject intended learning outcomes that each method purports to assess. It should also provide a brief explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes.

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5073
Subject Title	Risk Management in Operations
Credit Value	3
Level	5
Normal Duration	One Semester
Pre-requisite / Co-requisite/ Exclusion	None ISE548 Risk and Crisis Management
Objectives	<p>This subject seeks to develop the knowledge and analytical/practical skills necessary in organizations, with strong emphasis on operations management and quality management, for making risk management decisions to ensure business continuity through the application of the principles and practices of the full spectrum of entire risk management programme, covering risk management, business continuity (contingency) planning and crisis management.</p> <p>This subject contributes to the following Intended Learning Outcomes for the following programme(s):</p> <p>MSc in Operations Management</p> <p>#2: Develop the specific operations management knowledge</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Analyze the inherent risks in businesses and operations by applying the correct and basic principles and fundamental understanding of risk and risk management. b. Comprehend the logical and sequential approach of risk management comprising identification, assessment (analysis and measurement), selection of risk management strategies, implement appropriate risk management solutions and actions, and finally measure and evaluate risk management performances. c. Use the correct risk management concepts to devise appropriate strategies and tactics for risk management, business continuity (contingency) plans, and crisis management plan. d. Be familiar with risk management in operations to a level that is adequate for continued self-enhancement of knowledge and practical applications of risk management, business continuity (contingency) planning and crisis management. e. Explore and understand how emerging technologies (for examples, artificial intelligence, blockchain, cloud computing etc.) lead to emerging risks, crises and disruptive events that cause negative and positive impacts on business objectives, and how the emerging risks, crises and disruptive events are managed by risk management, business continuity (contingency) planning and crisis management respectively.
Subject Synopsis/	Introduction and Understanding the Correct Principles and Concepts of Risks: origin of risk, definition of risk, elements of risk, risk and uncertainty, risk perception,

<p>Indicative Syllabus</p>	<p>risk exposure, risk response, classification of risk, sources of risk, causes of risk, typical organizational risks in businesses and operations, and supply chain risks.</p> <p>Fundamental of Risk Management: development of risk management, understanding of risk management, contributions of risk management, roles and responsibilities for risk management, and enterprise of risk management.</p> <p>Risk Management Process for Negative Risks: the logical and sequential steps of risk management process covering determination of risk management objectives (aligns with corporate objective), identification of all potential and inherent risks, assessment and evaluation of risks (including risk analysis, risk measurement and the use of risk matrix), selection of risk management strategies, identification of risk management actions (the logical steps to identify risk problems and root causes (risk factors and hazards) on the basis to determine the risk management actions), implementation of risk management actions, and finally the performance measurement of the effectiveness and efficiency of risk management actions.</p> <p>Risk Management Strategies and Techniques: risk management strategies for negative and positive risks, the corresponding techniques to manage negative risks, and the use of derivatives to hedge and manage speculative risks.</p> <p>Business Continuity (Contingency) Planning and Crisis Management: the extension of the entire risk management programme to cover business continuity (contingency) planning and crisis management, the understanding, basis and purposes of business continuity (contingency) planning and crisis management, and the details of preparing and implementing business continuity (contingency) planning and crisis management.</p> <p>Risk Culture: national culture and organizational culture, chain effect of culture, overview of organizational culture and its determinants, risk and organizational culture, risk culture, and revisit of risk perception and risk attitude.</p> <p>Supply Chain Risk and Risk Management: fundamental of supply chain risks, overview and understanding of supply chain risk management, and supply chain risk management process.</p> <p>Entire Risk Management Programme and Emerging Technologies: negative and positive risks (technology risks) arising from emerging technologies (for examples, artificial intelligence, blockchain, cloud computing etc.) Business continuity (contingency) planning and crisis management to manage disruptive event and social media crisis respectively arising from emerging technologies.</p>																																	
<p>Teaching/Learning Methodology</p>	<p>Lecture: Learn academic concepts and practical techniques/methods of the entire risk management programme aims at allowing students to acquire the correct understanding of the principles and concepts of risk and risk management, and then putting and applying the academic concepts and practical applications of risk management, business continuity (contingency) and crisis management approaches, techniques and methods into contexts.</p> <p>Coursework and final examination: Learn to practically apply risk management, business continuity (contingency) and crisis management approaches, techniques and methods, and to study selected topics in-depth.</p>																																	
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="5">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> </tr> </thead> <tbody> <tr> <td>Coursework</td> <td>50%</td> <td>✓</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> <td>✓</td> </tr> <tr> <td>Total</td> <td>100 %</td> <td colspan="5"></td> </tr> </tbody> </table>	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					a	b	c	d	e	Coursework	50%	✓	✓	✓	✓	✓	Final Examination	50%	✓	✓	✓	✓	✓	Total	100 %					
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	<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Since the course focuses on risk management in operations, case analysis and learning from practical and work-based experiences forms an important constituent of students' learning and assessment.</p> <p>The coursework assesses the abilities of students to understand, comprehend and apply the knowledge and skills in risk management, together with business continuity (contingency) planning and crisis management, to reinforce and apply the academic principles/concepts and practical applications learnt during the lectures that enable their applications in real-life operational and commercial situations.</p> <p>The final examination tests the abilities of the students to understand and comprehend all basic concepts, knowledge, techniques and methods of risk management, business continuity (contingency) planning and crisis management; and also their abilities of the students to apply all basic skills to resolve the case analysis and problems in risk management, business continuity (contingency) planning and crisis management.</p> <p>Not less than 10% of the course grade will be assigned to assess the learning outcome item (e) in the coursework or one examination question in the final examination (to be decided by the subject lecturer).</p>	
<p>Student Study Effort Expected</p>	Class contact:	
	Lectures / tutorials (if any)	39 hrs.
	Other student study effort:	
	Self-study for preparing lectures, tutorials (if any) and final examination	45 hrs.
	Preparation of coursework	42 hrs.
	Total student study effort	126 hrs.
<p>Reading List and References</p>	<p><u>Main Reference Books</u></p> <p>Blunden, T & John Thirlwell. (2010). Mastering operational risk. Harlow, England ; New York : Financial Times Prentice Hall</p> <p>Devlin, E.S. (2007) <i>Crisis management planning and execution</i>. Boca Raton, FL: Auerbach Publications, c2007.</p> <p>Haimes, Y. Y. (2004) <i>Risk Modeling, Assessment and Management</i>. New York: Wiley.</p> <p>Handfield, R.B. & Kevin McCormack (ed.) (2008) <i>Supply chain risk management: minimizing disruptions in global sourcing</i>. Boca Raton, Fla.: Auerbach Publications.</p> <p>Hubbard, D.W. (2009) <i>The failure of risk management: why it's broken and how to fix it</i>. Hoboken, N.J.: J. Wiley & Sons.</p> <p>Oliver, E. Clifford. (2011) Catastrophic disaster planning and response [electronic resource]. Boca Raton: CRC Press.</p> <p>Trim, Peter R.J & Jack Caravelli (ed.) (2009). <i>Strategizing resilience and reducing vulnerability</i>. New York: Nova Science Publishers, c2009.</p> <p><u>Main Reference Journals</u></p> <p>Journal of Business Continuity & Emergency Planning</p> <p>Institute of Risk Management (IRM)</p>	

	<p>The Public Risk Management Association, US (PRIMA) The Public Risk Management Association, UK (ALARM) Association of Insurance and Risk Managers <u>International Standard</u> ISO3100 (2018) Risk Management</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5101
Subject Title	Statistics for Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<ul style="list-style-type: none"> ▪ 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.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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

<p>Subject Synopsis/ Indicative Syllabus</p>	<p>Data Representation Frequency distribution; histogram; other graphical methods.</p> <p>Statistical Measures Measures of central tendency; measures of variability; measures of shape.</p> <p>Probability Concepts Sample space; simple and compound events; probability laws; random variables.</p> <p>Statistical Distributions Discrete distribution; Continuous distribution; Binomial, Normal and other distributions and their characteristics.</p> <p>Sampling Theory Sampling distributions; central limit theorem.</p> <p>Estimation Point and interval estimates; confidence intervals; significance level.</p> <p>Tests of Hypothesis Null and alternative hypotheses; sample size; type I and type II errors. Inference about a population; Inference about comparing two populations; T-test.</p> <p>Analysis of Variance One-way analysis of variance</p> <p>Linear Regression and Correlation Least squares method; coefficient of correlation.</p> <p>Multiple Regression Applications of multiple regression equation; inferences about parameters.</p>
<p>Teaching/Learning Methodology</p>	<p>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 software such as Excel, STATA, and Python will be introduced and encouraged.</p>

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			
	Continuous Assessment	50 %	✓	✓			
	Examination	50 %	✓	✓			
	Total	100 %					
<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>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.</p>							
Student Study Effort Expected	Class contact:						
	▪ Lectures / Tutorials		39 Hrs.				
	Other student study effort:						
	▪ Reading and doing exercises		87 Hrs.				
	Total student study effort		126 Hrs.				

Reading List and References	<p>OpenIntro Statistics 3rd Edition (https://www.google.com.hk/?gws_rd=ssl#q=OpenIntro+Statistics+(Third+Edition))</p> <p>Statistics. Penn State Online. (https://onlinecourses.science.psu.edu/statprogram/programs)</p> <p>Levine, D.M., Stephan, D.F. and Szabat, K.A., <i>Statistics for Managers Using Microsoft Excel</i>, 7th edition, Pearson, 2014.</p> <p>McClave, J. T., Benson, P. G. and Sincich, T.T., <i>Statistics for Business and Economics</i>, 12th edition, Pearson, 2014.</p> <p>Gerald, K., <i>Managerial Statistics: abbreviated</i>, 9th edition, Australia: South-Western, 2012.</p> <p>Hair, J.F. <i>et al.</i>, <i>Multivariate Data Analysis</i>, 7th edition, Pearson, 2006.</p> <p>Journal of the American Statistical Association</p> <p>Journal of the Royal Statistical Society</p> <p>The Statistician</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5105
Subject Title	Managing Operations Systems
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<p>This subject introduces both the philosophy and the techniques of operations management to students. The course content is designed to help students understand the basic concepts, learn about the basic tools in operations management, understand the rationale behind the scientific methods used in daily management, and gain insights into designing and managing operations systems in practice.</p> <p>This subject contributes to the following Intended Learning Outcomes for the following programme(s):</p> <p>MSc/PgD in Global Supply Chain Management #2 Build up operations and logistics concepts #5 Practise business ethics</p> <p>MSc in Operations Management #1: Solve business problems #3 Practise business ethics</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ul style="list-style-type: none"> (a) understand the terminology and basic concepts of operations management (b) understand some basic data science and modelling approaches for operations management (c) build basic quantitative models that can be used for decision-making in operations management; be aware of the assumptions and limitations of the models (d) apply these models to solve practical management issues and develop critical and creative thinking in analyzing and solving real life problems

	(e) be aware of ethical issues in business
Subject Synopsis/ Indicative Syllabus	<p>Introduction to Operations System Concepts, the operations functions and its relation with other business functions, particularly, the strategic importance of operations management.</p> <p>Business Process Design and Reengineering Process concepts; process design methods; process effectiveness and efficiency; business process reengineering.</p> <p>Forecasting Objective of forecasting; logic of forecasting; qualitative and quantitative methods for forecasting; measurement and monitoring of forecasting systems; use of machine learning techniques in forecasting.</p> <p>Capacity Planning Strategic capacity planning; equipment management; concept of total cost of ownership; volume analysis; breakeven models; decision tree analysis.</p> <p>Service Processes and Queueing Systems Characteristics of service processes, service system design, examples of queueing systems; performance measures; single/multiple servers models; priority rules; economic analysis.</p> <p>Inventory Management Functions and costs of inventory management; ABC analysis; economic ordering quantity model; vendor managed inventory system; inventory replenishment systems.</p> <p>Quality Management, Quality Control, Just-in-Time and Lean Operations Total quality management; quality measurement; quality cost; quality inspection; statistical quality control; Philosophy and concept of JIT systems; pull versus push production systems; lean operations.</p> <p>Supply Chain Management Concept of supply chain management; information coordination; cost and benefit of postponement; quick response; worldwide sourcing.</p> <p>Project Management Project and its working team; project break down; Gantt charts; project time and cost; critical tasks in projects, critical path method.</p> <p>Sustainable and Socially Responsible Operations Ethical issues in operation management; codes of ethics; worker safety; product safety; the environment and quality; employees' right; closing facilities; socially responsible operations.</p> <p>Data-driven Operations Management</p>

	<p>Introduction of big data concepts and applications, data-driven operational decision-making, artificial intelligence and machine learning.</p> <p>Industry 4.0 and Sharing Economy</p> <p>Industry 4.0; new technologies including Blockchain in operations management; features of various sharing business models; the opportunities and challenges in these new models.</p>																																															
<p>Teaching/Learning Methodology</p>	<p>Concepts and techniques will be introduced through lectures. Students are required to apply the knowledge and skills to analyse and solve various realistic operations management problems in assignments, case studies, and exams.</p>																																															
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	Total student study effort	126 Hrs.
<p>Reading List and References</p>	<p>Books</p> <p>Jacobs, F. R., and Chase, R. B., (2021), <i>Operations and Supply Chain Management</i>, 16th ed., McGraw-Hill.</p> <p>Anupindi, R., et. al. (2012), <i>Managing Business Process Flows – Principle of Operations Management</i>, 3rd ed, Prentice Hall</p> <p>Cachon, G. & Terwiesch, C. (2013), <i>Matching Supply with Demand</i> (3rd ed.), McGraw-Hill.</p> <p>Cheng, T.C.E. and Podolsky, S. (1996), <i>Just-in-time Manufacturing: An Introduction</i>, Chapman & Hall.</p> <p>Klassen, R. D., Menor, L. J. (2006), <i>Cases in Operations Management</i>, Sage publication,</p> <p>Johnston, R. (2003), <i>Cases in Operations Management</i>, Finance Times Prentice Hall.</p> <p>Russell R.S. and Taylor B.W., <i>Operations Management</i>, latest ed., Prentice Hall.</p> <p>Stevenson W.J., <i>Operations Management</i>, latest ed., McGraw Hill.</p> <p>Journals</p> <p>Management Science Journal of Operations Management Manufacturing & Service Operations Management</p>	

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5113		
Subject Title	Enterprise Resource Planning		
Credit Value	3		
Level	5		
Normal Duration	One Semester		
Pre-requisite / Co-requisite/ Exclusion	Nil		
Objectives	<p>To enable students to:</p> <ul style="list-style-type: none"> • Understand the basic concepts and technologies behind ERP systems; • Become familiar with the basic usages of ERP systems, such as SAP; • Be able to analyze important issues involved in a firm's adopting an ERP system; • Develop the ability to take advantage of all the benefits of using ERP systems and/or other information technology in business situations. <p>This subject contributes to the following Intended Learning Outcomes for the following programme(s): MSc in Operations Management #2: Develop the specific operations management knowledge</p>		
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Demonstrate a clear understanding of the relevant definitions, importance, potential business values and technologies of ERP systems; b. Demonstrate a strong ability to learn the various applications of ERP systems and/or other information technologies in business; c. Demonstrate a clear understanding of the life-cycle model of the process that a company goes through using ERP systems; d. Put together the concepts and tools studied in class so as to develop best practices in using ERP systems to enhance real-life businesses. 		
Subject Synopsis/ Indicative Syllabus	Topics	Sub-topics	Tutorial Topics
	Introduction to ERP, and System and Technology Background	<p>Introduction to Course Introduction to ERP Introduction to ERP Life Cycle</p> <hr/> <p>ERP Technology Background: IT Infrastructure, SOA, and Cloud Computing ERP Market Awareness and Future Trends</p>	<p>Tutorial 1: SAP Demonstration, UAC Registration, Business Process and Business Functions</p> <hr/> <p>Tutorial 2: SAP Startup and Navigation</p>

	Management with ERP systems (Part 1)	Business Data Management in ERP	Tutorial 3: Master Data in SAP																																								
		Sales and marketing management with ERP	Tutorials 4: Sales and Distribution in SAP																																								
	ERP Life Cycle (Part 1)	ERP Initiatives																																									
		ERP Selection																																									
	Management with ERP systems (Part 2)	Procurement management with ERP	Tutorial 5: Material Management in SAP																																								
		Production Management and Planning with ERP ERP for Business Analytics	Tutorial 6: Production Planning in SAP																																								
	ERP Life Cycle (Part 2)	ERP Implementation																																									
		ERP After-Implementation																																									
	Project Presentation and Course Review	Course Review																																									
	Teaching/Learning Methodology	<ul style="list-style-type: none"> 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	<table border="1"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th></th> <th></th> </tr> </thead> <tbody> <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> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>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.</p>					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 %						
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	Self-Study	42 Hrs
	Total student study effort	126 Hrs
Textbooks	<p>Monk, Ellen and Wagner, Bret J. (2014) Concepts in Enterprise Resource Planning, 4rd Edition, Course Technology Cengage Learning (recommended)</p> <p>O’Leary, Daniel E. (2000) Enterprise Resource Planning Systems: Systems, Life cycle, Electronic Commerce, and Risk, Cambridge University Press (recommended)</p> <p>Bradford, Marianne. (2015) Modern ERP: Select, Implement & Use: Today's Advanced Business Systems, Third Edition, Lulu</p> <p>Simon, Phil. (2011) Why New Systems Fail, Revised Edition, Course Technology Cengage Learning</p> <p>Hamilton, Scott (2003) Maximizing Your ERP Systems: a practical guide for managers, Mc Graw Hill</p> <p>Ptak, Carol A. (2004) ERP: Tools, techniques, and Applications for Integrating the Supply Chain, 2nd Edition, St. Lucie Press</p>	

The Hong Kong Polytechnic University

Subject Description Form

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”, yet without it will not be a problem.
Role and Purposes	<ol style="list-style-type: none"> 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	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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	<p>Decision scope: find out a clear scope of decision required.</p> <p>How to evaluate different decisions: identify the objectives; there may be conflicting objectives.</p> <p>Model the situation: search for appropriate analytical or heuristic methods to solve the problem; understand the limitations of each method.</p> <p>Analysis of results: cost and benefits analysis; sensitivity analysis.</p>
Teaching/Learning Methodology	<p>Mainly through small group discussions. Students will be guided throughout the discussion process, particularly addressing on the following issues:</p> <ol style="list-style-type: none"> 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%					
	Case studies	60%	✓	✓	✓		
	Class participation	40%	✓	✓	✓		
Total	100 %						
<p><i>*Weighting of assessment methods/tasks in continuous assessment may be different, subject to each subject lecturer.</i></p> <p><i>To pass this subject, students are required to obtain Grade D or above in the Continuous Assessment components.</i></p> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>This subject will be dealing with cases in every session and students will learn through undergoing this process, with guidance. 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. Students are expected to prepare every case before attending each session. Other than participation component, there will also be 3 group case studies to be assessed.</p>							
Student Study Effort Expected	Class contact:						
	<ul style="list-style-type: none"> ▪ Small group discussions 						26 Hrs.
	<ul style="list-style-type: none"> ▪ Lectures 						13 Hrs.
	Other student study effort:						
	<ul style="list-style-type: none"> ▪ Preparation for lectures 						45 Hrs.
	<ul style="list-style-type: none"> ▪ Preparation for assignment / group project and presentation 						42 Hrs.
	Total student study effort						126Hrs.
Reading List and References	<p><i>Cases in Operations Management: Building Customer Value Through World-Class Operations</i> (The Ivey Casebook Series) (2005), Sage Publications, Inc.</p> <p>Yin, R.K. (2014), <i>Case Study Research: Design and Methods</i>, Sage Publishing</p> <p>Rohlfing, I. (2012), <i>Case Studies and Causal Inference</i>, Palgrave.</p> <p>Rajnikanth D. (ed.) (2009), <i>Case Studies on Decision Making</i>, IBS Case Development Centre.</p> <p>Klassen, R. D., Menor, L. J., <i>Cases in Operations Management</i>, Sage publication, 2006</p>						

	<p><i>Journals</i></p> <ul style="list-style-type: none">Asia Pacific Journal of Operational ResearchDecision SciencesEuropean Journal of Operational ResearchIIE TransactionsInterfacesJournal of the Operational Research SocietyManagement ScienceNaval Research LogisticsOmega - International Journal of Management ScienceOperations ResearchOR Insight <p>OR/MS Today</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5133
Subject Title	Strategies and Technologies in Warehousing Management
Credit Value	3
Level	5
Normal Duration	1-semester
Exclusion	ISE512 Warehousing and Material Handling Systems LGT5131 Warehousing and Materials Management
Objectives	To provide students with the strategies and technologies necessary for the design and management of warehousing, materials handling systems, and inventory control. In particular, this subject emphasizes the applications and implications of the latest technologies in 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.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: <ul style="list-style-type: none"> a. Design and manage warehousing, material handling and inventory control systems. b. Improve existing warehousing, material handling and inventory control systems. c. Apply the latest technologies and understand their implications in the relevant design, management, and improvement activities.
Subject Synopsis/ Indicative Syllabus	<ul style="list-style-type: none"> • Introduction to warehousing management and strategies • Warehouse location, layout and design: Qualitative and quantitative techniques • Materials handling systems: Technologies, equipment, and packaging • Warehousing management systems and the relevant IT applications • Warehouse quality management • Warehouse performance management, measurement, and databases • Warehouse safety and security • 3PL and warehousing management • Advanced technologies: AI, analytics for warehousing decisions, warehousing automation, blockchain applications in materials management, etc. • Inventory management and control: Tools, methods, and strategies
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.

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	50%	✓	✓	✓		
	Examination	50%	✓	✓	✓		
	Total	100 %					
	<p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>The achievement of the learning outcomes will be dependent on students' knowledge in conceptual theories and ability to apply certain quantitative techniques.</p> <p>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 outcomes of this subject.</p>						
Student Study Effort Expected	Class contact:						
	▪ Lectures / Tutorials		39 Hrs.				
	Other student study effort:						
	▪ Preparation for lectures and seminars		45 Hrs.				
	▪ Preparation for assignments/projects		42 Hrs.				
	Total student study effort		126 Hrs.				
Reading List and References	<p>Wood, D.F., Wardlow, D.L., Murphy, P.R., Johnson, J.C., (the latest edition) <i>Contemporary Logistics</i>, Prentice Hall, Upper Saddle River, N.J.</p> <p>Frazelle, E., (the latest edition) <i>World-Class Warehousing and Material Handling</i>, McGraw-Hill, Boston.</p> <p>Render, B., Stair, R.M. Jr., (the latest edition) <i>Quantitative Analysis for Management</i>, Prentice-Hall.</p> <p>Francis, R.L., McGinnis, L., and White, J.A., (the latest edition) <i>Facility Layout and Location: An analytical Approach</i>, Prentice-Hall, Englewood Cliffs, NJ.</p> <p>Mulcahy, D., (the latest edition) <i>Warehouse Distribution & Operations Handbook</i>, McGraw-Hill, Boston.</p> <p>Ackerman, K.B., (the latest edition) <i>Practical Handbook of Warehousing</i>, Chapman & Hall, New York</p>						

	<p>Stephens, M.P., Meyers, F.E., (the latest edition) <i>Manufacturing Facilities Design and Material Handling</i>, Prentice Hall.</p> <p><u>Example Articles</u></p> <p>Anthony, S.D., Cobban, P., Nair., R., Painchaud, N. 2019. Breaking Down the Barriers to Innovation, <i>Harvard Business Review</i>, November-December.</p> <p>Earley, S., Bernoff, J. 2020. Is Your Data Infrastructure Ready for AI? <i>Harvard Business Review</i>, April.</p> <p>Gaur, V., Gaiha, A. 2020. Building a Transparent Supply Chain: Blockchain can Enhance Trust, Efficiency, and Speed, <i>Harvard Business Review</i>, May-June.</p> <p>Kress, G., Posner, B. 2016. Internet of Things in Motion: Analytics and Transportation. <i>MIT Sloan Management Review</i>, May.</p> <p>McGrath R.G., McManus, R. 2020. Discovery-Driven Digital Transformation, <i>Harvard Business Review</i>, May-June.</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5152
Subject Title	Information Systems for Supply Chain Management
Credit Value	3
Level	5
Normal Duration	1-semester
Exclusion	ISE527 Logistics Information Systems
Objectives	<p>The objective of this subject is to better prepare the student to meet the following challenges:</p> <ul style="list-style-type: none"> • Understand the managerial issues concerning the integration of information systems and supply chain management, as well as the emerging information technologies behind. • Provide solutions to the issues which are relevant to the design, management, and improvement of information technology-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 and operational resilience for the enterprise. <p>This subject contributes to the following Intended Learning Outcomes for the MSc programme(s):</p> <p>MSc/PgD in Global Supply Chain Management</p> <p>#4 Make good use of information technology in supply chain management</p>
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 1. To demonstrate a clear and relevant understanding of the definitions, importance, potential benefits, and structures of information technology and systems not only from a technical point of view but also from organizational and management perspectives. 2. To understand and analyse how emerging information technologies can challenge and benefit the integration of information systems and supply chain management. 3. Being able to illustrate how the management of supply chains can be enhanced through the use of information technologies and systems. 4. 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.

Subject Synopsis/ Indicative Syllabus	Topics		Sub-topics					
	Basic Concepts on Information Systems and Supply Chain Management	Course Introduction						
		Information systems for global business						
	Information Technology (IT) Infrastructure of Information Systems for Supply Chain Management	IT Fundamentals on hardware and software, networks, and database, as well as their recent developments, such as Mobile Computing, Cloud Computing, Quantum Computing, Open Source, etc.						
	Strategic impact of information systems (IS)	Information resources and strategic values of information systems: Porter's Generic Model, Five Force's Model, Value Chain Model, New 7S Model for Hyper-competition						
	Key Applications of Information Technology & Information Systems for Supply Chain Management (1)	Data Management for Supply Chain Management: Radio Frequency Identification (RFID), Electronic Data Interchange (EDI), 5G Communication, Internet of Things (IoT), Block Chain, Database System, Business Intelligence (BI), and Big Data						
		Achieving Operational Excellence: Enterprise Resource Planning (ERP)						
		E-Commerce: Digital Markets and Digital Goods						
	Information Systems Project: Development and Management	Designing and Building Information Systems: System Development Process and Fast Development Methods (Prototyping, Agile Development, etc.)						
		Managing Information System Project:						
Key Applications of Information Technology & Information Systems for Supply Chain Management (2)	Enhancing Decision Making: Business Intelligence, Decision Support System, and Applications of Artificial Intelligence (AI) and Operations Research (OR)							
Project Presentation and Course Review								
Teaching/Learning Methodology	<ul style="list-style-type: none"> During lectures, basic concepts of information systems and supply chain management will be introduced. During tutorials, students will be guided to discuss case studies. 							
Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
			1	2	3	4		
	Coursework	50%	✓	✓	✓	✓		

	Examination	50%	✓	✓	✓			
	Total	100 %						
	<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>The coursework includes assignments of case studies and a group project. They are used to assess the intended outcomes 1, 2, 3, and 4, respectively. The final exam is based on questions relevant to basic concepts of information systems and a case study about information system management, which are relevant to intended outcomes 1, 2, and 3.</p> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>							
Student Study Effort Expected	Class contact:							
	<ul style="list-style-type: none"> ▪ Lectures / Tutorials 	39 Hrs.						
	Other student study effort:							
	<ul style="list-style-type: none"> ▪ Assignment and Self Study 	45 Hrs.						
	<ul style="list-style-type: none"> ▪ Group Project 	42 Hrs.						
	The total student study effort		126 Hrs.					
Reading List and References	<p>Recommended Textbook:</p> <p>Laudon, K.C., and Laudon, J.P. (2017) <i>Management Information Systems: Managing the Digital Firm</i>, 15 Edition, Pearson/Prentice Hall.</p> <p>References</p> <p>Chopra, S., and Meindl, P. (2015) <i>Supply Chain Management: Strategy, Planning, and Operation</i>, 6th Edition, Pearson/Prentice Hall.</p> <p>O'Brien, J.A., and Marakas, G.M. (2010) <i>Management Information Systems</i>, 10th Edition, McGraw-Hill.</p> <p>Sanders, N. R. (2014) <i>Big Dat Driven Supply Chain Management</i>, Pearson.</p>							

The Hong Kong Polytechnic University

Subject Description Form

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	<p>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 cyclicity 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.</p> <p>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.</p> <p>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.</p>
Subject Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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.
Subject Synopsis/ Indicative Syllabus	<p>This subject is designed to cover the following modules and key topics in the shipping industry:</p> <ol style="list-style-type: none"> 1. Fundamentals of shipping risks,

	<ol style="list-style-type: none"> 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. 																																																						
<p>Teaching/Learning Methodology</p>	<ol style="list-style-type: none"> 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. 																																																						
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="534 965 1449 1503"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th></th> <th></th> </tr> </thead> <tbody> <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> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods/tasks in assessing the intended learning outcomes:</p> <p><u>Coursework (50%) – a combination of academic learning and practical applications:</u> individual essay assignment and group presentation</p> <ol style="list-style-type: none"> 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. <p><u>Examination (50%):</u> 3-hour examination testing students' analytical, integrative thinking and knowledge, and practical applications in Derivative and Risk Management in Shipping.</p>	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c	d			1. Individual essay assignment	25%	✓	✓	✓	✓			2. Group presentation	25%		✓	✓	✓			3. Examination	50%	✓	✓	✓												Total	100 %						
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2. Group presentation	25%		✓	✓	✓																																																		
3. Examination	50%	✓	✓	✓																																																			
Total	100 %																																																						

Student Study Effort Expected	Class contact:	
	<ul style="list-style-type: none"> ▪ Lectures / Tutorials 	39 Hrs.
	Other student study effort:	
	<ul style="list-style-type: none"> ▪ Private studies ▪ Preparation for lectures and tutorials/class discussions ▪ Preparation of coursework and final examination 	87 Hrs.
	<ul style="list-style-type: none"> ▪ Total student study effort 	126 Hrs.
Reading List and References	<p><u>Main Reference Books</u></p> <ol style="list-style-type: none"> 1. Kavussanos, M.G and Visvikis, I.D. (2006). <i>Derivative and risk management in Shipping</i>. London, UK: Witherby Publishing. 2. Alizadeh, A.H. and Nomikos, N.K. (2009). <i>Shipping derivative and risk management</i>. Hampshire, UK: Palgrave Macmillan. 3. Gray, J. (1990). <i>Shipping futures</i>. London, UK : Lloyd’s of London Press. 4. Gray, J. (1986). <i>Financial risk management in the shipping industry</i>. London, UK: Fairplay Publications. 5. Kavussanos, M.G and Visvikis, I.D. (2011). <i>Theory and practice of shipping freight derivatives</i>. London, UK: Risk Books. 6. Cockett, N. (1997). <i>Neil Cockett on bunkers – practical guides</i>. London, UK: LLP, pp. 237 – 259. 7. Arnold, G. (2012). <i>Modern financial markets and institutions</i>. Essex, UK: Pearson Education Limited. 8. Chisholm, A.M. (2010). <i>Derivatives demystified: A step-by-step guide to forwards, futures, swaps and options</i>, 2nd Edition. West Sussex, UK: John Wiley & Sons. 9. Sundaram, R.K. and Das, S.R. (2011). <i>Derivatives: Principles and Practices</i>. NY: McGraw-Hill Irwin. <p><u>Main Reference Journals</u></p>	

	<ol style="list-style-type: none">1. Journal of Futures Markets2. Maritime Policy and Management3. Transportation Research Part E, Logistics and Transportation Review4. International Journal of Forecasting5. Journal of Derivatives and Hedge Funds (formerly Derivatives Use, Trading and Regulation)6. Review of Derivatives Research7. Journal of Banking and Finance8. Journal of Finance9. Marine Money10. CFA Digest
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5161
Subject Title	Air Transport Regulatory Policy
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Nil
Objectives	Air transport markets have undergone fundamental changes in their regulatory environments in the last couple of decades and face major challenges today (and in the future). This subject explains general facts of the air transport industry, and how airport businesses have developed over time, why airlines may be exempted from antitrust regulations, while airports are often subject to heavy economic regulation, and how regulation shapes airline and airport businesses today. The purpose is to help the students to develop a profound understanding of the most important drivers of economic aviation regulation today, and to offer ways to successfully address the challenges arising from historic and current industry developments.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Develop an understanding of the challenges virus outbreaks and climate change poses to air transport and how to manage (or not manage) these challenges. b. Understand how public and private institutions govern national and international air transport markets. c. Understand why airlines and especially airports are subject to regulation until now. d. Critically assess current regulatory practice in the air transport industry.
Subject Synopsis/ Indicative Syllabus	<p>Biggest challenges to aviation</p> <ul style="list-style-type: none"> • <u>Covid-19</u>: The air transport industry is among the industries that are hardest hit by the Covid-19 pandemic. This part discusses how governments, regulators and industries responded to this challenge and how regulation can help to better prepare for future virus outbreaks. • <u>Climate change</u>: Although aviation contributes relatively little to greenhouse gas emissions compared to other industries today, it is expected that the contribution would substantially grow and reach critical future levels in the absence of decisive regulatory actions. Emissions Trading Schemes, other carbon offsetting and reduction schemes such as CORSIA, the electrification of the aircraft fleet and the role of Sustainable Aviation Fuels are discussed in this part. <p>Other airline- and airport-related topics (mostly airports)</p> <ul style="list-style-type: none"> • <u>Airline alliances & mergers</u>: Antitrust regulations should protect customers from excessive pricing by companies. But, airlines are often

	<p>exempted from antitrust regulations because collaborative price setting can reduce airline ticket prices. This part discusses empirical evidence on this issue and the effects of collaboration on ticket prices for transfer and non-stop passengers.</p> <ul style="list-style-type: none"> • <u>Airports as natural monopolies:</u> Here students will be provided with a data set and some econometric methods to analyze airport cost structures. This helps to understand why airports are often considered as “natural monopolies.” • <u>Airport competition:</u> Although airports are often considered as natural monopolies, they compete amongst each other and other modes of transport in various dimensions. This part covers the competition between neighboring airports, competition for transfer passengers, and the role of the evolving airline businesses and high-speed rail services for airport market power. • <u>Airport concession businesses:</u> Many airports earn a large share of their revenues from the supply of services that are not primarily related to airport infrastructure (so called concession services). The implications for the optimal pricing of airport infrastructure and the potential need for the regulation of airport infrastructure charges is a major theme of this part. • <u>Airport privatization and regulation:</u> Whereas airports are often owned and operated by government agencies nowadays private involvement in airport ownership in operation has substantially increased. Private involvement often comes together with some form of airport infrastructure charges regulation. The benefits and drawbacks of different forms of regulation are discussed in detail in this class. Regulation forms discussed in class include cost-based regulation, price-cap regulation • <u>Airport congestion and slots:</u> Air traffic growth often leads to shortages in infrastructure supply and increased airline delays. This part discusses the use of airline permits for airport infrastructure use (slots) for the management of airline delays. 																																						
<p>Teaching/Learning Methodology</p>	<p>A combination of lectures, guest talks by industry experts, real case studies and students-directed learning activities will be included in this subject.</p>																																						
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="533 1503 1485 1861"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Coursework</td> <td>35%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Examination</td> <td>65%</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> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p>	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c	d			Coursework	35%	✓	✓	✓	✓			Examination	65%	✓	✓	✓	✓			Total	100 %						
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Student Study Effort Expected	Class contact:	
	▪ Lectures / Tutorials	39 Hrs.
	▪	
	Other student study effort:	
	▪ Self study	87 Hrs.
	Total student study effort	126 Hrs.
Reading List and References	<p>Czerny, A.I., forthcoming. Airport regulation. Encyclopedia of Transportation. Elsevier.</p> <p>Czerny, A.I., Guiomard, C. and Zhang, A., 2016. Single-till versus dual-till regulation of airports. Where do academics and regulators (dis)agree? <i>Journal of Transport Economics and Policy</i> 50, 350-368.</p> <p>Czerny, A. I., Fu, X., Lei, Z. and Oum, T. H., 2021. Post pandemic aviation market recovery: Experiences and lessons from China. <i>Journal of Air Transport Management</i> 90, 101971.</p> <p>Czerny, A.I. and Lang, H., forthcoming. Privatization and deregulation of the airline industry. Encyclopedia of Transportation. Elsevier.</p> <p>Maertens, S., Grimme, W., Scheelhaase, J. and Jung, M., 2019. Options to continue the EU ETS for aviation in a CORSIA-world. <i>Sustainability</i> 11, 5703.</p> <p>McKinsey, 2020. Clean skies for tomorrow. Sustainable aviation fuels as a pathway to net-zero aviation. Insight Report.</p> <p>OAG, 2018. Battle for the Bay. Competitive pressures for airports around the Pearl River.</p> <p>Thelle, M. H. and la Cour Sonne, M., 2018. Airport competition in Europe. <i>Journal of Air Transport Management</i> 67, 232-240.</p> <p>Wiltshire, J., 2018. Airport competition: Reality or myth? <i>Journal of Air Transport Management</i> 67, 241-248.</p>	

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5162
Subject Title	Airline Strategic Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Nil
Objectives	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.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ul style="list-style-type: none"> e. Understand key theories and approaches in strategic management. f. Apply analytical tools in strategic management to the airline industry. g. Develop strategies for airlines in response to changing market environment. h. Evaluate the effectiveness of different strategies in airline management.
Subject Synopsis/ Indicative Syllabus	<ul style="list-style-type: none"> • Core concepts of strategic management • Key analytical tools in strategic analysis • Core competence • Low cost business model • Airline finance and aircraft purchase • 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.

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:							
Student Study Effort Expected	Class contact:						
	▪ Lectures / Tutorials						39 Hrs.
	Other student study effort:						
	▪ Self study						87 Hrs.
	Total student study effort						126 Hrs.
Reading List and References	Books						
	• Andrew R. T. (2011) <i>Soft landing airline industry strategy, service, and safety</i> , Apress						
	• Abingdon, B.J. (2015) <i>Foundations of airline finance: methodology and practice</i> , Routledge, Second edition						
	• Bitzan J.D., Peoples J. H. Wilson W.W. (2016) <i>Airline efficiency</i> , Emerald Group						
	• Delfmann, W., Baum, H., Auerbach, S. and Albers, S. (2005) <i>Strategic Management in the Aviation Industry</i> , Ashgate.						
	• Doganis, R. (2010) <i>Flying Off Course – Airline Economics and Marketing</i> , 4 th Edition, Routledge, London.						
	• Flouris, T. and Oswald, S. (2006) <i>Designing and Executing Strategy in Aviation Management</i> , Ashgate.						
	• Holloway, S. (2008) <i>Straight and Level: Practical Airline Economics</i> , 3 rd Edition, Ashgate: Aldershot, UK.						
	• Johnson, G., Scholes, K. and Whittington, R. (2008) <i>Exploring Corporate Strategy</i> , 8 th Edition, Prentice hall.						
	• Morrell, P.S., (2013), <i>Airline finance</i> , Surrey, England; Burlington, VT : Ashgate 4th ed						
• Shaw, S. (2011) <i>Airline Marketing and Management</i> , 7 th Edition, Ashgate, Aldershot, UK.							
• Lin, CK.,(2010), Low cost carrier-airport relationship development in Southeast Asia , Hong Kong Polytechnic University. School of Hotel and Tourism Management.							
• Gross, S. (2013), The low cost carrier worldwide , Ashgate							
•							
Journal							

	<ul style="list-style-type: none">• Journal of Air Transport Management <p><i>Trade magazines</i></p> <ul style="list-style-type: none">• Air Transport World• Airline Business
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5163
Subject Title	Aviation Marketing
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Nil
Objectives	To provide students with knowledge, understanding and skills in airline and airport marketing.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> i. Describe the characteristics of the main segments of commercial aerospace markets. j. Identify and explain the key issues in planning aviation and aerospace products and the importance of product differentiation. k. Critically assess the links between promotion, branding and customer loyalty. l. Use marketing research approaches to investigate commercial aerospace including airlines, airports/spaceports and space markets.
Subject Synopsis/ Indicative Syllabus	<ul style="list-style-type: none"> • The market for air & space transport services • Aerospace (Airline/ Airport and Spaceport product analysis) • Pricing and revenue management • Aviation distribution strategy • Managing aviation brand • Advertising and promotional strategy • Understanding consumer behaviour • Market segmentation • Airport/Spaceport 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	
	Continuous Assessment*	100%					
	Written Assignment	40%	✓	✓	✓	✓	
	Mini-Project	40%	✓	✓	✓	✓	
	Class participation	20%	✓	✓	✓	✓	
Total	100 %						
<p><i>*Weighting of assessment methods/tasks in continuous assessment may be different, subject to each subject lecturer.</i></p> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p>							
Student Study Effort Expected	Class contact:						
	▪ Lectures / Tutorials		39 Hrs.				
	Other student study effort:						
	▪ Self study		87 Hrs.				
	Total student study effort		126 Hrs.				
Reading List and References	Books						
	<ul style="list-style-type: none"> • Doganis, R. (2009) <i>Flying Off Course – Airline Economics and Marketing</i>, 4th Edition, Routledge, London. • Halpern, N. and Graham, A. (2013) <i>Airport Marketing</i>, Routledge, London. • Kotler, P. (2005) <i>Marketing Management</i>, 12th Edition, Pearson Prentice Hall, New Jersey. • Sheehan, J. (2013). <i>Business and Corporate Aviation Management</i>, 2nd Edition, McGraw-Hill Professional. • Shaw, S. (2007) <i>Airline Marketing and Management</i>, 6th Edition, Ashgate, Aldershot. 						
Journal							
<ul style="list-style-type: none"> • Journal of Air Transport Management 							
Trade magazines							
<ul style="list-style-type: none"> • Air Transport World • Airline Business 							

The Hong Kong Polytechnic University

Subject Description Form

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	<p>Upon completion of the subject, students will be able to:</p> <ul style="list-style-type: none"> m. Describe the fundamental concepts behind Safety Management Systems (SMS), as defined by ICAO and other parties. n. Select and implement techniques for the identification and management of hazards and risks. o. Understand key issues in the implementation of Safety Management Systems p. Critically assess the ways in which safety is measured and managed in airport, airline and other aviation operations.
Subject Synopsis/ Indicative Syllabus	<ul style="list-style-type: none"> • 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:								
Student Study Effort Expected	Class contact:							
	▪ Lectures / Tutorials							39 Hrs.
	Other student study effort:							
	▪ Self study							87 Hrs.
	Total student study effort							126 Hrs.
Reading List and References	<p>Books</p> <ul style="list-style-type: none"> • Ferguson, M. and Nelson, S. (2013) <i>Aviation Safety: A Balanced Industry Approach</i>, Cengage Learning. • ICAO (2009) <i>Safety Management Manual</i> (2nd Edition), Doc. 9859, Montreal – Downloadable from http://www.icao.int/anb/safetymanagement/documents.html. • Rodingues, C. and Cusick, S. (2011). <i>Commercial Aviation Safety</i>, 5th Edition, McGraw-Hill Professional. • Stolzer, A.J., Halford, C.D. and Goglia, J.J. (2008) <i>Safety Management Systems in Aviation</i>, Ashgate, Aldershot UK. • Stolzer, A.J., Halford, C.D. and Goglia, J.J. (2013), <i>Implementing Safety Management Systems in Aviation</i>, Ashgate, Aldershot UK. 							

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5169
Subject Title	Airport Business Management
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite	Nil
Objectives	To provide an insight into the key issues crucial to the planning and management of airports.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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	<ul style="list-style-type: none"> • Airport commercialization, privatization, and regulation • Airport functions and systems • Airport congestion management and 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 • Synergy of intermodal transport • Internal trade and logistics strengthen by macro environment
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 %				
Student Study Effort Expected	Class contact:					
	▪ Lectures / Tutorials					39 Hrs.
	Other student study effort:					
	▪ Self Study					87 Hrs.
	Total student study effort					126 Hrs.

<p>Reading List and References</p>	<p><i>Recommended Textbooks</i></p> <p>Horonjeff, R., (2010), <i>Planning and Design of Airports</i>, McGraw-Hill</p> <p>Neufville, R. and Odoni, A. (2003), <i>Airport Systems: Planning, Design and Management</i>, McGraw-Hill Professional.</p> <p>Young. S., Wells. A., (2011), <i>Airport Planning and Management</i>, McGraw-hill Professional</p> <p>Bradley. A., (2010), <i>The Independent Airport Planning Manual</i>, Woodhead Pub. Cambridge</p> <p>Burghouwt G.,(2007), <i>Airline Network Development in Europe and its Implications for Airport Planning</i>, Ashgate, Aldershot, England</p> <p><u>Supplementary References:</u></p> <p>Ashford, N. (1992), <i>Airport Engineering</i>, McGraw-Hill</p> <p>Ashord, N., Stanton, H. P. M. and Moore, C. A. (1997), <i>Airport Operations</i>, McGraw-Hill Professional.</p> <p>Baldwin, R. (1998), <i>Developing the Future Aviation System</i>, Aldershot: Ashgate.</p> <p>Belobaba P, Odoni, A, Barnhart, C., (2009) <i>The Global Airline Industry (Aerospace Series)</i>, Wiley</p> <p>Blow, C. J. (1996), <i>Airport Terminals</i>, 2nd Edition, Oxford: Butterworth Architecture.</p> <p>Blow, C. J. (2005), <i>Transport Terminals and Modal Interchanges</i>, Oxford: Elsevier.</p> <p>Dempsey, P. S. (1999), <i>Airport Planning and Development Handbook: A Global Survey</i>, McGraw-Hill Professional.</p> <p>Doganis, R., (2003), <i>Flying Off Course, Third Edition, The Economics of International Airlines</i>, Routledge</p> <p>Doganis, R. (2001), <i>The Airline Business in the 21st Century</i>, Routledge.</p> <p>Edwards, B. (2005), <i>The Modern Airport Terminal</i>, 2nd Edition, New York: Spon Press.</p> <p>Forsyth, P. (2004), <i>The Economic Regulation of Airports</i>, Aldershot: Ashgate.</p> <p>Jarach, D. (2005), <i>Airport Marketing: Strategies to Cope with the New Millennium Environment</i>, England: Ashgate.</p> <p>Liu, W.M., Luk, M., (2009), <i>Reform and opening up: Way to the sustainable and harmonious development of air transport in China</i>, Transport Policy, Volume 16, Issue 5</p> <p>Luk, M. (2003), <i>Planning and Design of Air Cargo Systems</i>, Transport & Logistics, Proceedings of the 8th Conference of Hong Kong Society for Transportation Studies, pp 310-319</p> <p>Schwieterman, J.P. (1993), <i>Air Cargo and the Opening of China: New Opportunities for Hong Kong</i>, Chinese University Press.</p> <p>Yeh, A., Hills, P., Ng, S., (2002), <i>Modern Transport in Hong Kong for the 21st Century</i>, Centre of Urban Planning and Environmental Management, University of Hong Kong, pp 69 - 104 & 247-256</p> <p><i>Journals</i></p> <p>Economics of Transportation</p> <p>International Journal of Aviation Management</p> <p>Journal of Air Transport Management</p> <p>Journal of Air Transportation World Wide</p> <p>Journal of Transport Economics and Policy</p> <p>Journal of Transport Geography</p> <p>Transportation Research Part A</p> <p>Transportation Research Part D</p> <p>Transportation Research Part E</p>
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The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5170
Subject Title	Maritime Arbitration Law
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite / Co-requisite/ Exclusion	Nil
Role and Purposes	<p>The purpose of this course is to equip students with the knowledge and understanding of arbitration as a means of effective dispute resolution in the maritime business. The course concerns the contractual and procedural elements of maritime arbitration from both comparative and practical perspectives. It also addresses the international, regional and local aspect of maritime arbitration and involves extensive case law and reports.</p> <p>This course primarily focuses on two jurisdictions, which are London and Hong Kong. London is claimed as the largest international maritime arbitration forum due to its popularity of its specific contractual clauses in terms of maritime arbitration. Hong Kong, with the advantage of its intimate relation with China, is able to withstand the competition by providing supportive and efficient arbitration service with an international element. The course introduces the New Arbitration Ordinance (LHK Cap. 609), which is enacted in 2011, and analyzes how it is different to the Repealed Arbitration Ordinance (LHK Cap. 341). The course encourages analytical and evaluative discussions on the comparison between the Hong Kong and London regimes on maritime arbitration. On the other hand, this course explores Hong Kong's neighbour arbitral forum such as Shanghai in China on a general basis.</p>
Subject Learning Outcomes	<p>Upon completion of the course, students will be able to:</p> <ol style="list-style-type: none"> a. Understand the development, legal framework and theoretical dimension of maritime arbitration b. Lay the groundwork for further inquiry into the application of arbitration laws in relation to maritime disputes c. Develop the ability to identify and analyze legal issues arising from the maritime business sector
Subject Synopsis/ Indicative Syllabus	Arbitration Ordinance (LHK Cap. 609), Repealed Arbitration Ordinance (LHK Cap.341), UNCITRAL Model law, Arbitration Act 1996 of the United Kingdom, Arbitration Law of the PRC, The Convention on the Recognition and Enforcement of Foreign Arbitral Awards (The New York Convention), Hong Kong International Arbitration Centre (HKIAC), HKIAC Administered Arbitration Rules 2013, London Maritime Arbitrators Association (LMAA), LMAA Terms 2012, Arbitrability, Arbitration

	Agreement, Commencement of Arbitration, Appointment of Arbitrators and Tribunals, Jurisdiction, Interim Measures and Security of Costs, Small Claims Procedure, Documents-only Procedure, Third Parties' Rights, Enforcement of Arbitral Awards.																																												
Teaching/Learning Methodology	This course is separated into two parts, mainly lectures and tutorials. Different themes will be discussed according to the syllabus outline on a weekly basis. Tutorials will provide students the assistance in applying law to problems and further strengthen their knowledge on specific areas of maritime arbitration law through interactive discussions.																																												
Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1" data-bbox="534 573 1484 931"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Assignment</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="6"></td> </tr> </tbody> </table> <p data-bbox="534 981 1484 1120">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.</p>							Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c				Assignment	40%	✓	✓	✓				Examination	60%	✓	✓	✓				Total	100%						
Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)																																											
		a	b	c																																									
Assignment	40%	✓	✓	✓																																									
Examination	60%	✓	✓	✓																																									
Total	100%																																												
Student Study Effort Expected	Class contact:																																												
	▪ Lectures / Tutorials						39 Hrs.																																						
	Other student study effort:																																												
	▪ Assignment						30 Hrs.																																						
	▪ Self-study						57 Hrs.																																						
	Total student study effort						126 Hrs.																																						

<p>Reading List and References</p>	<p>Books</p> <p>Clare Ambrose and Karen Maxwell (2009) London Maritime Arbitration, 3rd ed, United Kingdom: Informa Law from Routledge</p> <p>Felix W. H. Chan, Jimmy J M Ng and Bobby K Y Wong (2002) Shipping and Logistics Law: Principles and Practice in Hong Kong, 1st ed, Hong Kong: Hong Kong University Press</p> <p>John Choong, Freshfields Bruckhaus Deringer, Romesh Weeramantry, and Clifford Chance (ed.) (2015). The Hong Kong Arbitration Ordinance: Commentary and Annotations, 2nd. ed, Hong Kong: Sweet and Maxwell</p> <p>Ma Geoffrey GBM QC SC (Editor-in-Chief) and Brock Denis (General Editor) (2014) Arbitration in Hong Kong: A Practical Guide, 3rd ed, Hong Kong: Sweet and Maxwell</p> <p>Maritime Arbitration in Hong Kong: A Practical Guide, 2nd ed, Hong Kong: Hong Kong International Arbitration Centre and Hong Kong Maritime Arbitration Group</p> <p>Michael J. Moser and Teresa Y. W. Cheng (2014) Hong Kong Arbitration: A User's Guide, 3rd ed (Bilingual English-Chinese), Hong Kong: Wolters& Kluwer</p> <p>Felix Sparka (2009) Jurisdiction and Arbitration Clauses in Maritime Transport Documents: A Comparative Analysis, 1st ed, Germany: Springer</p> <p>Christopher To and Damon So (2012) Butterworths Hong Kong Arbitration Law Handbook, 1st ed, Hong Kong: LexisNexis</p> <p>Philip Yang, Danny Mok and Ernest Yang (2006) Arbitration Law – from The Arbitration Act 1996 to international commercial arbitration, China: Law Press.</p> <p>Anselmo Reyes (2012) How to be an Arbitrator: A Personal View, 1st ed, Hong Kong: HKMLA</p> <p>Georgios I. Zekos (2008) International Commercial and Marine Arbitration, 1st ed, United States and Canada: Routledge-Cavendish</p> <p><u><i>Recommended periodicals, newspapers</i></u></p> <p>Journal of Maritime Law and Commerce</p> <p>Lloyd's Maritime and Commercial Law Quarterly</p> <p>Lloyd's Maritime Law Newsletter</p> <p>Journal of International Maritime Law</p> <p>Tulane Maritime Law Journal</p> <p>Asian International Arbitration Journal</p> <p>Journal of International Arbitration</p> <p>American Review of International Arbitration</p> <p>International Arbitration Law Review</p>
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	<p>Online Resources</p> <p>Department of Justice, the Government of HKSAR, ‘Background of the New Arbitration Ordinance, Cap. 609’ website at http://www.doj.gov.hk/eng/public/arbitration.html</p> <p>Hong Kong International Arbitration Centre (HKIAC) website at http://www.hkiac.org/en/</p> <p>Hong Kong Shipowners Association- Maritime Arbitration Group (MAG) at http://www.hksoa.org/links/maritime_arbitration.html</p> <p>The Hong Kong Maritime Law Association (HKMLA) website at http://www.hkmla.org/sub_committees.php.</p> <p>The London Maritime Arbitrators Association (LMMA) website at http://www.lmaa.org.uk/</p> <p>The New York Arbitration Convention website at http://www.newyorkconvention.org/</p> <p>The Repealed Arbitration Ordinance Cap. 341 website at http://www.wipo.int/edocs/lexdocs/laws/en/hk/hk163en.pdf</p> <p>United Nations Commission on International Trade (UNCITRAL) website at http://www.uncitral.org/uncitral/en/uncitral_texts/arbitration.html</p>
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The Hong Kong Polytechnic University

Subject Description Form

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 LGT5111 Practice of Operations Management LGT5153 Practice of Quality Management LGT5205 OM Dissertation LGT5211 GSCM Project LGT5215 Practice of Global Supply Chain Management
Objectives	<p>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.</p> <p>Concepts and techniques:</p> <ul style="list-style-type: none"> ▪ 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. <p>Management practitioner environment:</p> <ul style="list-style-type: none"> ▪ 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 the practice of logistics, operations management, quality management and/or supply chain management in specific organisational contexts. ▪ To relate the above to the knowledge and perspectives acquired during the course programme. <p>Personal learning experience:</p> <ul style="list-style-type: none"> ▪ 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.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. Identify a research problem in real world and write research proposals. b. Conduct literature review on issues related to the problem areas.

	<p>c. Apply appropriate research methodology in data collection, analysis and interpretation research findings.</p> <p>d. Deduce the solutions to the identified problems scientifically and understand the limitations.</p> <p>e. Communicate the research results effectively.</p>																																																														
<p>Subject Synopsis/ Indicative Syllabus</p>	<p>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.</p>																																																														
<p>Teaching/Learning Methodology</p>	<p>Guided study programme on research methodology equivalent to 1 credit value.</p> <p>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 Project (LGT5202). The effort of these activities should be equivalent to 5 credit values.</p>																																																														
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="534 992 1484 1675"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> <th></th> </tr> </thead> <tbody> <tr> <td>Proposal</td> <td>5%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>Reflective essay assessed by supervisor</td> <td>15%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>Project assessed by supervisor</td> <td>30%</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>Project assessed by moderator</td> <td>30%</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></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><i>[This new % weighting will be effective for students newly registered on this subject starting from Semester 1 of 2020/21.]</i></p> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>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 Project Co-ordinator. The reflective report will be assessed by the supervisor, in which the student is expected to explain the research methodologies learnt through the lectures and seminars on research</p>	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c	d	e		Proposal	5%	✓	✓	✓	✓	✓		Reflective essay assessed by supervisor	15%	✓	✓	✓	✓	✓		Project assessed by supervisor	30%	✓	✓	✓	✓	✓		Project assessed by moderator	30%	✓	✓	✓	✓	✓		Viva Voce	20%	✓	✓	✓	✓	✓		Total	100 %						
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Proposal	5%	✓	✓	✓	✓	✓																																																									
Reflective essay assessed by supervisor	15%	✓	✓	✓	✓	✓																																																									
Project assessed by supervisor	30%	✓	✓	✓	✓	✓																																																									
Project assessed by moderator	30%	✓	✓	✓	✓	✓																																																									
Viva Voce	20%	✓	✓	✓	✓	✓																																																									
Total	100 %																																																														

	<p>methodologies. The assessment criteria are set out in the Guidelines for Project (LGT5202).</p> <p>Finally, all these marks are combined and the final grade for the Subject LGT5202 Project is to be determined by the Project Co-ordinator according to the assessment weighting set out in the Guidelines for Project (LGT5202).</p>	
Student Study Effort Expected	Class contact:	
	<ul style="list-style-type: none"> ▪ Meeting and Discussion with Supervisor 	14 Hrs.
	<ul style="list-style-type: none"> ▪ Lectures and Seminars on Research Methodologies 	6 Hrs.
	Other student study effort:	
	<ul style="list-style-type: none"> ▪ Research work 	250 Hrs.
	Total student study effort	270Hrs.
Reading List and References	<p>Bryman, Alan. Business research methods, Oxford University Press, 2011, 3rd Edition.</p> <p>Cooper, D. And Schindler, P., <i>Business Research Methods</i>, latest ed., McGraw-Hill, New York.</p> <p>Grigoroudis, Evangelos. Customer satisfaction evaluation methods for measuring and implementing service quality, SpringerLink e-books, Springer, 2010.</p> <p>Jankowicz, A.D.: Business Research Projects, latest ed., Business Press Thomson Learning, London.</p> <p>Remenyi, D., Field methods for academic research: interviews, focus groups and questionnaires in business and management studies, Academic Publishing International, 2011.</p> <p>Stokes, Peter, Key concepts in business and management research methods, Palgrave Macmillan , 2011.</p>	

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	LGT5222
Subject Title	Maritime Industry Internship
Credit Value	6 Training Credits
Level	5
Normal Duration	240 hours
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	Maritime Industry Internship (MII) is work-based learning experiences which take place in a maritime organizational context relevant to a student's future profession, or the development of generic skills that will be valuable in maritime profession.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <p>a. <u>Areas of Personal Development</u></p> <ul style="list-style-type: none"> ▪ Appreciate his/her own learning and development needs and chart his/her learning and development plan for the next 3-5 years; ▪ Make informed choices/preferences for his/her career and formulate a suitable plan for achieving it. <p>b. <u>Areas of Workplace Appreciation</u></p> <ul style="list-style-type: none"> ▪ Understand the issues involved in the practical application of the skills, knowledge and information in the maritime context; ▪ Appreciate the requirements and demands of the real-world work environment, especially in the maritime industry where MII was done so as to facilitate the smooth transition to full-time employment after graduation; ▪ Evaluate factors in organizational culture that influences sustainable competitive advantage, excellence, and progress. <p>c. <u>Areas of Key Skills</u></p> <ul style="list-style-type: none"> ▪ Develop strategic approaches to anticipate and handle challenges; ▪ Analyze problems and strategize solutions; ▪ Communicate effectively and confidently; ▪ Work effectively in teams as well as lead small groups.

<p>Subject Synopsis/ Indicative Syllabus</p>	<p>Requirements of MII</p> <ul style="list-style-type: none"> ▪ 2 MII credits are equivalent to 80 hours work, so that the 6-credit requirement demands 240 hours work, approximately equivalent to 6 weeks of full-time internship engagement. ▪ MII credits may be granted for a minimum of 80 hours work (i.e. on a 2-credit basis). ▪ All work for MII credit must be structured and measurable, where structured means that objectives are set for the work experience before it begins and measurable means that the attainment of those objectives is monitored and attested to by the student’s employer. ▪ All work for MII credits must take place in maritime organizational context relevant to the MScISTL programme for which students are enrolled, OR must demonstrate that it develops generic transferable skills relevant to that programme. ▪ MII credits can be achieved through full-time, part-time, or project work done locally or overseas. <p>Information on MII</p> <ul style="list-style-type: none"> ▪ The MII Coordinator, who is usually the Programme Director or Manager, will be monitoring the student’s progress and performance in the internship placement. ▪ Students should contact the MII Coordinator for assistance should they have questions and queries. 																														
<p>Teaching/Learning Methodology</p>	<p>MII facilitates the integration of knowledge, skills, and competences between the classroom and the real-world, thus equipping students with valuable work experience as well as practical readiness for full-time employment upon graduation.</p>																														
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1" data-bbox="536 1357 1481 1697"> <thead> <tr> <th rowspan="2">Specific assessment methods/tasks</th> <th rowspan="2">% weighting</th> <th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Assessment Report</td> <td>100%</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> </tbody> </table> <p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>MII Assessments</p> <p>Assessment of MII will be based on an Assessment Report (attached as Appendix) prepared by the student and his employer concerned. The report will cover the following aspects</p>	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c				Assessment Report	100%	✓	✓	✓				Total	100 %						
Specific assessment methods/tasks	% weighting			Intended subject learning outcomes to be assessed (Please tick as appropriate)																											
		a	b	c																											
Assessment Report	100%	✓	✓	✓																											
Total	100 %																														

	<ul style="list-style-type: none"> ▪ An initial statement from the student on the objectives and duration of the work; and ▪ A self-evaluation / reflection from the student; and ▪ A statement from the student’s employer confirming the duration of the work and satisfactory performance. <p>The final grade will be on a Pass/Fail basis decided by the MII Coordinator, based on the Assessment Report.</p>	
<p>Student Study Effort Expected</p>	Class contact:	
	<ul style="list-style-type: none"> ▪ Full-time internship 	240 Hrs.
	Other student study effort:	
	<ul style="list-style-type: none"> ▪ Assessment Report 	40 Hrs.
	Total student study effort	280 Hrs.
<p>Reading List and References</p>	<p>Sweitzer, F. and King, M. A.. (2009). The Successful Internship. Brooks Cole.</p>	

The Hong Kong Polytechnic University

Subject Description Form

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) and Marketing Research (MM586)
Objectives	<p>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:</p> <ol style="list-style-type: none"> 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.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> 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.

<p>Subject Synopsis/ Indicative Syllabus</p>	<p><u>Introduction to Research</u> Overview of management research: basic, applied and action research. Exploratory, descriptive and causal research. Evaluations studies.</p> <p>Basic research paradigms: positivism and the scientific method; phenomenology and qualitative methodologies.</p> <p><u>The Research Process</u> The research process. The research proposal.</p> <p><u>Research Problems and Literature Review</u> Identifying and defining a research topic: the literature review.</p> <p><u>Theoretical Framework and Hypothesis Development</u> 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.</p>
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	<p><u>Measurement</u> Measurement: types of scales; concepts and their dimensions; variables; Likert and other scales; validity and reliability; use of existing scales.</p> <p><u>Data Collection Methods and Sampling</u> 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.</p> <p>Exploratory research: reasons for and methods.</p> <p>Qualitative research: ethnography; grounded theory; problems of data collection and analysis; analytical versus statistical generalizability.</p> <p>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.</p> <p><u>Data Analysis and Interpretation</u> Data analysis and interpretation; basic concepts involved in statistical analysis; outline of the use of some multivariate statistics.</p> <p><u>The Research Report</u> Purposes; audience; characteristics of a well-written report; integral parts of the report.</p> <p><u>Research Ethics</u> The politics of management research; stakeholders; access to information.</p> <p>The ethics of management research; the PolyU's requirements.</p> <p>Plagiarism in academic writing and how to avoid it.</p>
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Teaching/Learning Methodology	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.										
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.	h.	
	Continuous Assessment*	100%									
	1. Individual assignment	20%	✓	✓							
	2. Group reports	50%	✓	✓	✓	✓	✓	✓	✓	✓	
	3. Presentation	10%									✓
	4. Peer assessment	10%									✓
	5. Class participation	10%						✓			
Total	100 %										
<i>*Weighting of assessment methods/tasks in continuous assessment may be different, subject to each subject lecturer.</i>											
	<p>To pass this subject, students are required to obtain Grade D or above in the overall subject grade.</p> <p>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 –</p> <p>Individual assignment – Students are required to submit an individual work by addressing the core principles and concepts of the subject syllabus.</p> <p>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.</p> <p>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.</p>										
Student Study Effort Expected	Class contact:										
	▪ Lectures										39 Hrs.
	Other student study effort:										
	▪ Preparation for lectures										39 Hrs.

	<ul style="list-style-type: none"> ▪ Preparation for assignment / group project and presentation 	39 Hrs.
	Total student study effort	117 Hrs.
Reading List and References	<p><i>Recommended Textbook</i></p> <p>Bougie, R., & Sekaran, U. (2020). <i>Research Methods for Business – A Skill Building Approach</i>. NY: John Wiley & Sons.</p> <p><i>References</i></p> <p>Bowerman, B. L., Drougas, A. M., Duckworth, W. M., Froelich, A. G., Hummel, R. M., Moninger, K. B., & Schur, P. J. (2019). <i>Business Statistics and Analytics in Practice</i>. NY: McGraw-Hill.</p> <p>Ghauri, P., Gronhaug, K., & Strange, R. (2020). <i>Research Methods in Business Studies</i>. UK: Cambridge University Press.</p> <p>Schindler, P. S. (2019). <i>Business Research Methods</i>. NY: McGraw-Hill. Yin, R. K. (2018). <i>Case Study Research and Applications: Design and Methods</i>. Thousand Oaks, CA: SAGE.</p>	

Subject Code	MM544
Subject Title	E-Commerce
Credit Value	3
Level	5
Normal Duration	1-semester
Pre-requisite/ Co-requisite/ Exclusion	None
Objectives	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.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: <ol style="list-style-type: none"> comprehend the underlying economic mechanisms and driving forces of E-Commerce; understand the critical building blocks of E-Commerce and different types of prevailing business models employed by leading industrial leaders; appraise the opportunities and potential to apply and synthesize a variety of E-Commerce concepts and solutions to create business value for organizations, customers, and business partners; formulate E-Commerce strategies that lever firms' core competencies, facilitate organizational transformation, and foster innovation; undertake planning, organizing, and implementing of E-Commerce initiatives to effectively respond to of dynamic market environments, understand cloud computing and acquire skills related to data science.
Subject Synopsis/ Indicative Syllabus[#]	<ul style="list-style-type: none"> • Introduction of e-Commerce • E-commerce Framework • B2C, B2B, C2C, • E-commerce Supply Chain Management • Payment System, Internet Banking and Supporting Systems • Mobile Commerce • Social Media and e-Commerce • Shared Economy • Cloud Computing and Data Science • Legal, ethical and societal issues of e-Commerce <p><i>[#]The above syllabus may be modified and updated by each subject lecturer without prior notice.</i></p>
Teaching/Learning Methodology	The course will use a variety of methods as its pedagogy to help students achieve the above learning outcomes. Each class will roughly take the following format: <ol style="list-style-type: none"> General announcement and an opportunity for students to ask question to address any unfinished thoughts from the previous class; Overview of the current class agenda and its relationships to past discussion;

	3. Extended period of students- or instructor-lead discussion of the key issues in the assigned case or readings. Collaborative learning strategies (learning via discussion in a small group) may be employed during part of this time.						
Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)				
	Continuous Assessment*	50%	a.	b.	c.	d.	e.
	1. Attendance and class participation	15%	✓	✓	✓	✓	✓
	2. Individual assignment	15%	✓	✓	✓	✓	✓
	3. Group assignment	20%	✓	✓	✓	✓	✓
	Examination	50%	✓	✓	✓	✓	✓
	Total	100 %					
<p><i>*Weighting of assessment methods/tasks in continuous assessment may be different, subject to each subject lecturer.</i></p> <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p> <p>To pass this subject, students are required to obtain Grade D or above in the overall subject grade.</p> <p>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.</p> <p>Feedback is given to students immediately following the presentations and all students are invited to join this discussion.</p>							
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	<p><u>Textbook</u></p> <p>Gary P. Schneider, 2017. <i>Electronic Commerce</i>, 12th Edition, Cengage Learning US</p> <p>Laudon, K. C. and Traver, C. G. <i>E-Commerce 2021: Business, Technology, Society</i>, 2021, 16th edition</p>						

References

Phillips, J. 2016. *Ecommerce Analytics: Analyze and Improve the Impact of Your Digital Strategy*. FT Press.

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 Hong Kong Polytechnic University

Subject Description Form

Subject Code	AF5108
Subject Title	Accounting for Managers
Credit Value	3
Level	5
Normal Duration	One Semester
Pre-requisite / Co-requisite/ Exclusion	None
Role and Purposes	<p>This course introduces the fundamental concepts and analytical techniques on financial and managerial accounting. It contributes to the achievement by improving students' understanding on basic concepts on company's financial and managerial accounting information. Students will learn how economic transactions are recorded in accounting system and compiled into various financial statements, and students will also learn how relevant cost accounting information can be utilized in budgeting, controlling and performance evaluation. Students are expected to be able to understand the financial information provided by accounting system and apply both financial and managerial accounting information to analyze company's financial positions in a critical manner; students should also gain some preliminary insights into how entrepreneurs bring private firms into public markets through initial public offerings. Students will be able to gather both financial information and capital market information on listed companies to issue stock recommendations. They have to communicate reasoned arguments effectively, both in speech and in writing.</p> <p>This subject contributes to the following Intended Learning Outcomes for the following programme(s):</p> <p>MSc in Operations</p> <p>Management #1:</p> <p>Solve business problems</p>

<p>Subject Learning Outcomes</p>	<p>Upon completion of the subject, students will be able to:</p> <p>Financial Accounting (FA)</p> <ol style="list-style-type: none"> a. Understand the accounting system of an organization (both profit making and non-profit making). b. Record accounting information properly and communicate with accounting information effectively. c. Understand the basic concepts and principles underlying the financial statements, and be able to interpret financial statements, including balance sheet, income statement and cash flow statement. d. Identify the characteristics of good corporate governance and apply the knowledge in analyzing the potential governance problems. <p>Managerial Accounting (MA)</p> <ol style="list-style-type: none"> a. Be familiar with various managerial accounting techniques such as CVP, contribution margin concepts, relevant costing, etc. b. Utilize managerial accounting information in budgeting, controlling and performance evaluation. c. Be aware of the limitation of accounting information.
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Subject Synopsis/ Indicative Syllabus	<p>Financial Reporting Systems and Accounting Procedures Concepts and principles underlying financial statements, measuring and reporting assets and equities</p> <p>Techniques of Analyzing Financial Statements Ratio analysis, vertical analysis, horizontal analysis</p> <p>Corporate Governance Principles and issues relating to internal control</p> <p>Cost Behaviour and Decision Making Cost-volume-profit analysis, cost estimation, relevant costing</p> <p>Concept of Cost Allocation and Measurement Importance of cost allocation in understanding and interpreting cost information in business decisions.</p> <p>Management Control Process Responsibility accounting concepts, segment reporting, performance measures (i.e. ROI, Residual income), basic concepts and methods of investment appraisals</p>																											
Teaching/Learning Methodology	<p>Concepts and issues in the Indicative Contents are discussed in seminars. Exercises, problems and short cases are used to illustrate the concepts and issues so as to enhance students' understanding of the materials discussed. Students are expected to be interactive in classes to maximize the exchange of knowledge and opinions.</p>																											
Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1" data-bbox="539 1310 1509 1870"> <thead> <tr> <th data-bbox="539 1310 837 1451">Specific assessment methods/tasks</th> <th data-bbox="837 1310 1007 1451">% weighting</th> <th data-bbox="1007 1310 1256 1451">Financial Accounting</th> <th data-bbox="1256 1310 1509 1451">Managerial Accounting</th> </tr> </thead> <tbody> <tr> <td data-bbox="539 1451 837 1563">1. Case presentations and discussions</td> <td data-bbox="837 1451 1007 1563">15%</td> <td data-bbox="1007 1451 1256 1563">√</td> <td data-bbox="1256 1451 1509 1563">√</td> </tr> <tr> <td data-bbox="539 1563 837 1641">2. Mid-term test</td> <td data-bbox="837 1563 1007 1641">25%</td> <td data-bbox="1007 1563 1256 1641">√</td> <td data-bbox="1256 1563 1509 1641">n.a.</td> </tr> <tr> <td data-bbox="539 1641 837 1720">3. Participation</td> <td data-bbox="837 1641 1007 1720">10%</td> <td data-bbox="1007 1641 1256 1720">√</td> <td data-bbox="1256 1641 1509 1720">√</td> </tr> <tr> <td data-bbox="539 1720 837 1798">4. Final examination</td> <td data-bbox="837 1720 1007 1798">50%</td> <td data-bbox="1007 1720 1256 1798">√</td> <td data-bbox="1256 1720 1509 1798">√</td> </tr> <tr> <td data-bbox="539 1798 837 1870">Total</td> <td data-bbox="837 1798 1007 1870">100%</td> <td data-bbox="1007 1798 1256 1870">√</td> <td data-bbox="1256 1798 1509 1870">√</td> </tr> </tbody> </table> <p data-bbox="539 1937 1509 2004">Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p>				Specific assessment methods/tasks	% weighting	Financial Accounting	Managerial Accounting	1. Case presentations and discussions	15%	√	√	2. Mid-term test	25%	√	n.a.	3. Participation	10%	√	√	4. Final examination	50%	√	√	Total	100%	√	√
Specific assessment methods/tasks	% weighting	Financial Accounting	Managerial Accounting																									
1. Case presentations and discussions	15%	√	√																									
2. Mid-term test	25%	√	n.a.																									
3. Participation	10%	√	√																									
4. Final examination	50%	√	√																									
Total	100%	√	√																									

	<ol style="list-style-type: none"> Students will be arranged to analyze real life business cases and present their analyses in groups which encourage students to apply concepts and techniques in business cases and problems.
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	<ol style="list-style-type: none"> Mid-term test and final examination are used to test students' understanding of accounting concepts and the ability to apprehend and resolve problems. Participation marks are given to motivate students to think and speak out in classes. <p>To reflect the significant technology content in this subject, 10% (or more) of the overall weighting of this subject is based on individual assessment concerning technology-related knowledge.</p>
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Student Study Effort Expected	Class contact:	
	Lectures / Seminars	39 Hrs.
	Other student study effort:	
	Assignments, projects	21 Hrs.
	Revision	57 Hrs.
	Total student study effort	117 Hrs.

<p>Reading List and References</p>	<p>Edmonds, T.P., C.T. Edmonds, P.R. Olds, F.M. McNair, and B. Tsay, <i>Survey of Accounting</i>, Latest Edition, McGraw-Hill.</p> <p>Marshall, D.H., W.W. McManus, and D. F. Viele, <i>Accounting: What the Numbers Mean</i>, Latest Edition, McGraw-Hill</p> <p>Warren, C., <i>Survey of Accounting</i>, Latest Edition, Cengage Learning.</p> <p>Kimmel, P., D., J. Weygandt and D. Kieso, <i>Accounting, Tools for Business Decision Making</i> , Latest Edition, John Wiley & Sons, Inc.</p> <p>Kimmel, P., D., J. Weygandt and D. Kieso, <i>Accounting</i>, Latest Edition, John Wiley & Sons, Inc.</p> <p>Horngren, C., W. Harrison and L. Bamber, <i>Accounting</i>, Latest Edition, Prentice Hall.</p> <p>Horngren, C. and W. Harrison, <i>Financial and Managerial Accounting</i>, Latest Edition, Prentice Hall.</p> <p>Libby, P., R. Libby and D. Short, <i>Financial Accounting</i>, Latest Edition, McGraw- Hill.</p> <p>Wild, J., <i>Financial Accounting: Information for Decisions</i>, Latest Edition, McGrawHill Irwin.</p> <p>Williams, J., S. Haka and M. Bettner, J.V. Carcello, <i>Financial & Managerial Accounting</i>, Latest Edition, McGraw-Hill.</p> <p>Garrison, Noreen, Brewer, <i>Managerial Accounting</i>, Latest Edition, McGraw-Hill.</p> <p>Anthony, RN, Govindarajan, V, <i>Management control Systems</i>, Latest Edition, McGraw-Hill.</p>
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This Programme Requirement Document is subject to review and changes, which the programme offering Faculty/Department/School/College may decide to make from time to time. Students will be informed of the changes as and when appropriate

The information in this document is correct at the time of production (October 2022), and is subject to review and change.