

Introduction to Modern Logistics

IEDA 2410

Instructor: PROF XIANGTONG QI

Email: ieemqi@ust.hk

Office Hours: 1:30pm – 3:00pm Friday, or by appointment, Room 5594

TA: to-be-determined

Course Description

Introduction to the operations of common transportation modes, including road, water, and air transportation, as well as their roles in logistics. Learning the organization of modern logistics such as third-party and fourth-party logistics, international logistics, logistics coordination, and supply chain management. Discussion of characteristics, issues, and practices of the above topics. (No. of credits: 3. Pre-/co-requisites: none.)

Intended Learning Outcomes (ILOs)

By the end of this course, students should be able to:

1. Name the key players and organizations in the freight logistics industry
2. Explain the roles of these players and their interrelationships
3. Describe the major operating structures and the associated costs of different freight transportation modes
4. Identify the key challenges and opportunities in the logistics industry
5. Communicate your ideas effectively through discussions, presentations and written documents

Assessment and Grading

This course will be assessed using criterion-referencing and grades will not be assigned using a curve. Detailed rubrics for each assignment are provided below, outlining the criteria used for evaluation.

Assessments:

Assessment Task	Contribution to Overall Course grade (%)	Dates
Three Quizzes	20%+20%+20%	20/07, 29/07, 7/08
Participation	10%	N/A
Course Project	30%	7/08
Final examination	N/A	There is no final exam

* Assessment marks for individual assessed tasks will be released within one week of the due date.

Mapping of Course ILOs to Assessment Tasks

Assessed Task	Mapped ILOs	Explanation
Three quizzes	[ILO1, ILO2, ILO3, ILO4]	Each quiz includes 2 parts, short questions (for ILO1 and ILO2) and quantitative analysis (for ILO3 and ILO4). This task assesses students' ability to describe and explain the logistics activities (ILO 1 and ILO2), evaluate and improve their performance (ILO 3 and ILO4).
Project	[ILO4, ILO5]	The presentation and reflection assess students' ability to critically evaluate logistics operations (ILO 4) and demonstrate a higher-order thinking skills of analysis and evaluation (ILO5).

Grading Rubrics

[Detailed rubrics for each quiz will be provided after the exam.]

Final Grade Descriptors:

Grades	Short Description	Elaboration on subject grading description
A	Excellent Performance	Doing well in all quizzes and project presentation, with active participation in classroom.
B	Good Performance	Doing well in 2 quizzes and satisfactorily in project presentation, with regular participation in classroom.
C	Satisfactory Performance	Doing satisfactorily in all quizzes and project presentation. Making a reasonable attendance.
D	Marginal Pass	Showing good efforts in all quizzes, classroom attendance and project presentation.
F	Fail	Unable to achieve the level of D.]

Course AI Policy

[State the course policy on the use of generative artificial intelligence tools to complete assessment tasks.]

The project encourages the use of AI.

Communication and Feedback

Assessment marks for individual assessed tasks will be communicated via Canvas within two weeks of submission. Students who have further questions about the feedback including marks should consult the instructor within five working days after the feedback is received.

Resubmission Policy

Making up quizzes are available only for uncontrollable reasons. In particular, a sick leave letter from a doctor is needed.

Required Texts and Materials

Lecture notes at canvas.

Academic Integrity

Students are expected to adhere to the university's academic integrity policy. Students are expected to uphold HKUST's Academic Honor Code and to maintain the highest standards of academic integrity. The University has zero tolerance of academic misconduct. Please refer to [Academic Integrity | HKUST – Academic Registry](#) for the University's definition of plagiarism and ways to avoid cheating and plagiarism.