

Course Introduction and Syllabus

Zhejiang University

Course title: Logistics and Supply Chain Management

Credit: 2

Teaching hours per week: 3 hours/week

Instructor: Prof. LIU Nan

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Office: Room 1005-08, School of
Management Building

Office hours: Wed.3:00-5:00 pm, or by appointment

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Target students: International Master in Management Science and Engineering

Prerequisites: N/A

I. Course Introduction

This course is designed to provide management science and engineering major students with an opportunity to integrate theory and principles learned in other required courses, and to analyze global logistics and transportation issues, make optimized decisions, and solve practical problems through case studies and real situations. In the international logistics context, topics covered in this course include international supply chain management, operations in international trades, transportation's roles in supply chain management, in global trade planning, and in global trade execution, respectively, and various modes of international transportation and so on. A practical emphasis of this course will be placed on using scientific research to address real-life issues related to the logistics industry all of the world, such as identifying logistics demands, understanding transportation motivations, operations of international trade, and modeling for transportation demands, etc. Students will undertake assignments and project work which will allow them to gain practical training in the main theories and methods being taught. The course is aimed at students who are interested in undertaking primary research towards their master thesis and will lead to their competence in primary research design, analysis and critique for both practical and academic purposes.

II. Teaching Objectives

i. Learning Objectives

By the conclusion of the course of study, students are expected to be able to:

- 1) Critically assess and integrate key knowledge and theories related to international logistics and transportation research;
- 2) Analyze and evaluate a critical issue facing the logistics industry all over the world;

- 3) Develop knowledge of the general processes of transportation research and consulting;
- 4) Design and undertake primary and secondary research projects to address and analyze real-life logistics problems;
- 5) Formulate suggestions that may assist the development and management of global supply chain.

ii. Measurable Learning Outcomes

Expected learning outcomes for students include:

- 1) To recognize and engage with key concepts and theories serving the study of related international logistics and supply chain problems.
- 2) To develop modeling and analysis skills in global logistics and transportation networks.
- 3) To formulate, explain and defend independent judgments.
- 4) To develop skills in the search, retrieval, review and critique of literature pertaining to a given topic of inquiry.
- 5) To communicate effectively in writing and orally.
- 6) To understand and demonstrate an ability to apply academic and professional conventions in writing and referencing.

III. Course Requirements

i. Teaching Methods and Requirements

- 1) Every week students must attend two 1.5-hour lecture.
- 2) Lectures will be given to present the key conceptual material through discussion and interaction between lecturer and students. Lectures are supported by readings, class discussions and illustrations of real-world case examples.
- 3) Presentations may be used to critically evaluate the integration of principles and practices of supply chain management, and to discuss the latest issues facing the global logistics industry.
- 4) Course Calendar The course calendar (as presented below) details scheduling information. Note that this calendar may change as the course proceeds. Any changes will be announced at lectures and be detailed on Blackboard.

ii. Course Evaluation and Grading

All material presented is examinable (except where stated otherwise) by assignments and the final examination. All important assessment information such as due dates and times, content, guidelines and so on will be discussed at lectures and, where appropriate, detailed on **Blackboard**. Students are responsible for ensuring that they are aware of this information, keeping track of their own progress, and catching up on any missed classes.

Assessment	Due date	% of final grade
Class participation	On going	10%
Research project	TBC	30%
Project presentation	TBC	10%
Final Exam	Formal University Exam Period	50%

Referencing Style and Style Guide

For this paper the referencing style is APA or Harvard. Style guides will be made available in the first lecture.

Dishonest Practice and Plagiarism

Students should ensure that all submitted work is their own. Plagiarism is a form of dishonest practice (cheating). It is defined as copying or paraphrasing another's work and presenting it as one's own. Any student found responsible for dishonest practice in any piece of work submitted for assessment shall be subject to the University's dishonest practice regulations, which may result in serious penalties, including forfeiture of marks for the piece of work submitted, a zero grade for the course, or in extreme cases, exclusion from the University. The university reserves the right to use plagiarism detection tools. Students are advised to inform themselves about University policies concerning dishonest practice and take up opportunities to improve their academic and information literacy.

IV. References and Recommended Readings

Two textbooks are recommended below and other relevant reading specific to each lecture will be made available to students electronically at least a week before the scheduled lecture.

- 1、 Pierre A. David, International Logistics: the Management of International Trade Operations, 4th Edition,
- 2、 John Coyle et al, Management of Transportation, 7th ed., Thomson Learning

V. Teaching Schedule (to be revised based on the new calendar)

Time: Monday 9:50-11:25, Friday 9:50-11:25

Classroom: West 2-518

Lecture	Week	Date	Topic	Reading
1	1	Nov. 11 2019	Course Introduction, International Trade	David Ch.1
2		Nov. 15*	International Supply Chain Management, International Infrastructure	David Ch.2, Ch.3
3	2	Nov. 18*	International Infrastructure, Transportation's Roles in Supply Chain Management	David Ch.3, Coyle Ch. 1
4		Nov. 22	To be made up on Nov 18 & 22	
5	3	Nov. 25	Transportation's Roles in Global Trade Planning, I	Coyle Ch. 3, David Ch.6
6		Nov. 29	Transportation's Roles in Global Trade Planning, II, Transportation's Roles in Global Trade Execution I	Coyle Ch. 3, David Ch.7-9
7	4	Dec. 2	Transportation's Roles in Global Trade Execution II, The Instruments of Trade Policy	Coyle Ch. 4, David Ch.7-9
8		Dec. 6	Transportation's Roles in Global Trade Execution II, Case of COSCO SHIPPING	Coyle Ch. 4, David Ch.16
9	5	Dec. 9	Project discussion	
10		Dec.13	International Ocean Transportation	David Ch. 11
11	6	Dec. 16	International Air Transportation	David Ch. 12
12		Dec. 20	Company visit: TBA	
13	7	Dec. 23	International Land and Multimodal Transportation, Case of European Container Terminal	David Ch. 13
14		Dec. 27	International Logistics Security, academic papers in Management Science	David Ch. 15
15	8	Dec. 30	Summary and Review	
16		Jan 3,2020	Team Project Presentations	
	9	Jan. 2020	Exam	

*Note: There will be three classes on Friday, Nov. 15 & Mon. Nov. 18, to make up the missed class on Friday, Nov. 22, 2019.

VI. Website for Teaching Materials