



**IB297 GLOBAL SOURCING AND SUPPLY CHAIN MANAGEMENT**  
IES Abroad Shanghai

**DESCRIPTION:**

This course introduces global sourcing and supply chain management. In this competitive global marketplace, great emphasis is placed on both cost reduction and fast reaction time. Global sourcing refers to the process of locating goods and services in the most efficient manner wherever in the world they might be. The supply chain refers to both the physical activities related to delivering products /services to customers, as well as providing effective information and smooth financial flows. Good supply chain management will support products and services at right place, right time, right cost, and to right persons which will improve company’s profitability. These activities will not only involve the coordination of different functional areas within a company, but also the linkages among many different companies.

Students will learn the most important theories involved in supply chain management and global sourcing, and match that with actual case studies. The course is structured to look at procurement and manufacturing, distribution and logistics, the information technology that supports the process, innovations in the supply chain, the integrated administration of the entire process, as well as the supply chain management in the global economy.

**CREDITS:** 3 credits

**CONTACT HOURS:** 45 hours

**LANGUAGE OF INSTRUCTION:** English

**INSTRUCTOR:** Professor Nathan Wang, Ph.D.

**PREREQUISITES:** None

**ADDITIONAL COST:** None

**METHOD OF PRESENTATION:**

This course will include lectures, case studies, and group discussion.

**REQUIRED WORK AND FORM OF ASSESSMENT:**

- Class interaction & and in-class Discussion - 20%
- Quizzes - 30%
- Reports and Mid-Term Evaluation - 15%
- Group Project Presentation or Final Exam/report - 35%

**Class interaction & in-class discussion**

Attendance, and in-class Discussion – Individual work

- Attendance and the interaction discussion during classes

	Class Participation Criteria Points			
	10	7	4	1
<b>Attendance</b>	Student is always prompt and regularly attends classes.			Student is late or misses the class many times, or has poor attendance of classes.

<b>Engagement</b>	Student proactively contributes to class by offering ideas and asking questions more than once per class.	Student proactively contributes to class by offering ideas and asking questions once per class.	Student rarely contributes to class by offering ideas and asking questions.	Student never contributes to class by offering ideas and asking questions.
<b>Listening &amp; Learning</b>	Student listens when others talk, both in groups and in class. Student incorporates or builds off of the ideas of others.	Student listens when others talk, both in groups and in class.	Student does not listen when others talk, both in groups and in class.	Student does not listen when others talk, both in groups and in class. Student often interrupts when others speak.
<b>Preparation</b>	Student is almost always prepared for class with assignments and required class materials.	Student is usually prepared for class with assignments and required class materials.	Student is rarely prepared for class with assignments and required class materials.	Student is almost never prepared for class with assignments and required class materials.

### Quizzes

In-class Quizzes – Individual work

- Everyone needs to take in-class quizzes. We will have 2-3 quizzes during this semester.
- The quizzes will be based on course materials and the contents of textbook.

### Reports and Mid-Term Evaluation

Reports – Individual work

- The report will be about 10 pages (including references and figures). It must be must be compact and concrete.
- Figures, pictures, and tables are encouraged, but not mandatory.
- All references should be properly quoted and listed.
- Students need to submit reports in electronic form, either in Word format or PDF format. The topics of the reports will be announced in the class.

	Term Paper Criteria Points		
<b>Clarity</b>	10		1
	Sophisticated	Competent	Not Satisfied
	Demonstrated very clear and concise arguments	Demonstrated clear arguments	No clear arguments
<b>Contents</b>	10		1
	Sophisticated	Competent	Not Satisfied
	Provided ample evidence & extra efforts to support arguments	Provided evidence to support most arguments	Provided weak evidence to support arguments
	10		1

<b>Creativity</b>	Sophisticated	Competent	Not Satisfied
	Provided innovated & achievable ideas	Provided new & achievable ideas	Provided no new ideas at all
<b>Research and Use of Sources</b>	10		1
	Sophisticated	Competent	Not Satisfied
	Effectively referred & used many good sources to support arguments	Referred & used some good sources to support arguments	Referred or used no good sources
<b>Timing</b>	10		1
	Sophisticated	Competent	Not Satisfied
	Submit the paper before due date		Submit the paper after the due date

### Group Project Presentation or Final Exam/Report

#### Presentation and Report – Group Work

- ~3-5 persons as a team.
- Each team will choose one group project topic.
- Each person should take one section during the presentation.
- Need to do a ~20 minutes presentation for the whole group.
- The total time of presentation (including Q&A) should be less than 30 min.
- Need to submit report or presentation files in PPT for grading.

The goals are:

1. To experience an authentic case study environment
2. To learn how to analyze and solve problems
3. To learn and develop teamwork skills

Sample Group Project topics:

- Select one or more companies and study their supply chain management systems
- Study one or more tools for supply chain management
- What are the challenges of Global Supply Chain and how to overcome those challenges? Please find and present some real cases.
- How does E-commerce change the supply chain? What are the new challenges and how to overcome them?
- How to use new technologies, such as “Clouds system”, or “mobile devices”, “3D printers”, ..., etc. to enhance supply chain system?

	<b>Group Project Criteria Points</b>		
<b>Contribution &amp; Subject Knowledge</b>	10		1
	Sophisticated	Competent	Not Satisfied
	All requirements and objectives are identified, and extra good work on the subject	All requirements and objectives are identified, evaluated and competed.	Many requirements and objectives are not identified, evaluated and/or completed.
	10		1
	Sophisticated	Competent	Not Satisfied

Insight & Creativity	The deliverable demonstrated evidence of extensive research effort and a depth of thinking about the topic.	The deliverable demonstrated evidence of some research effort and/or initial of thinking about the topic.	The deliverable showed no evidence of the research effort or depth of hinking about the topic.
Communication & Interaction	10		1
	Sophisticated	Competent	Not Satisfied
	The group presented the results effectively, and had good interaction with other students in the class	The group presented most of the results effectively, and had some interaction with other students in the class	The group did not present the results clearly, and have no interaction with other students in the class
Teamwork	10		1
	Sophisticated	Competent	Not Satisfied
	All Team members contributed effectively in the team	Most team members contributed effectively in the team	Each team member worked independently, and showed no teamwork

**LEARNING OUTCOMES:**

By the end of the course, students will be able to:

- identify and describe important features and concepts of supply chain management,
- be knowledgeable about specific market players of supply chain management and global sourcing,
- have a command of the particular features of supply chain management, and
- conduct a detailed analysis of a business sourcing problem that involves identifying challenges and their possible solutions.
- know the global trends in supply chain management

**ATTENDANCE POLICY:**

Attendance is mandatory for all IES Abroad classes, including course-related trips. Any exams, tests, presentations, or other work missed due to student absences can only be rescheduled in cases of documented medical or family emergencies. If a student misses more than three classes in any course 3 percentage points will be deducted from the final grade for every additional absence. Seven absences in any course will result in a failing grade.

**CONTENT:**

Choose an item	Content	Assignments
Week 1	<b>PART 1: Supply Chain Logistics Management</b> <ul style="list-style-type: none"> <li>21<sup>st</sup>-century Supply Chains</li> </ul>	<ul style="list-style-type: none"> <li>Chapter 1</li> </ul>
Week 2	<b>PART 1: Supply Chain Logistics Management</b> <ul style="list-style-type: none"> <li>Logistics &amp; Globalization</li> </ul>	<ul style="list-style-type: none"> <li>Chapters 2,11</li> </ul>
Week 3	<b>PART 1: Supply Chain Logistics Management</b> <ul style="list-style-type: none"> <li>Customer relationship management &amp; Procurement</li> </ul>	<ul style="list-style-type: none"> <li>Chapters 3, 4</li> </ul>
Week 4	<b>PART 1: Supply Chain Logistics Management</b> <ul style="list-style-type: none"> <li>Manufacturing &amp; Integrated operations planning</li> </ul>	<ul style="list-style-type: none"> <li>Chapters 5,6</li> </ul>
Week 5	<b>PART 2: Supply Chain Logistics Operations</b> <ul style="list-style-type: none"> <li>Supply chain information system</li> </ul>	<ul style="list-style-type: none"> <li>Chapters 5, 6</li> </ul>
Week 6	<b>PART 2: Supply Chain Logistics Operations</b> <ul style="list-style-type: none"> <li>Inventory &amp; warehouse</li> </ul>	<ul style="list-style-type: none"> <li>Chapters 7,9</li> </ul>
Week 7	<b>PART 3: Supply Chain Logistics Design</b> <ul style="list-style-type: none"> <li>Transportation infrastructure &amp; operations</li> </ul>	<ul style="list-style-type: none"> <li>Chapter 8</li> </ul>
Week 8	<b>PART 3: Supply Chain Logistics Design</b> <ul style="list-style-type: none"> <li>Global supply chain network design &amp; performance measurement</li> </ul>	<ul style="list-style-type: none"> <li>Chapter 12, 15</li> </ul>
Week 9	<b>PART 3: Supply Chain Logistics Design</b> <ul style="list-style-type: none"> <li>Packaging, material handling, &amp; future logistics trends</li> </ul>	<ul style="list-style-type: none"> <li>Chapters 10</li> </ul>
Week 10	<b>PART 4: Administration</b> <ul style="list-style-type: none"> <li>Supply chain risk management &amp; sustainability</li> </ul>	<ul style="list-style-type: none"> <li>Chapters 13,16</li> </ul>

Choose an item	Content	Assignments
Week 11	<b>PART 5: Case Study and Applications</b> <ul style="list-style-type: none"> <li>Case Study / Group Presentation (1)</li> </ul>	
Week 12	<b>PART 5: Case Study and Applications</b> <ul style="list-style-type: none"> <li>Case Study / Group Presentation (2)</li> </ul>	
Week 13	<b>PART 5: Case Study and Applications</b> <ul style="list-style-type: none"> <li>Case study / Group Presentation (3)</li> </ul>	
Week 14	<b>PART 5: Case Study and Applications</b> <ul style="list-style-type: none"> <li>Supply Chain Case Study</li> </ul>	

**REQUIRED READINGS:**

- Textbook *“Supply Chain Logistics Management (4<sup>th</sup> Ed.)*. Bowersox, Closs, and Cooper, eds. McGraw-Hill/Irwin, 2012”
- World Economic Forum. (2020), “The Future of the Last-Mile Ecosystem”, World Economic Forum.
- Johnson, P. Fraser, and Mark, Ken, “Amazon.com: Supply Chain Management”, Ivey Business School Foundation, 2018.
- Casadesus-Masanell, Ramon, and Anant Thaker. "eBay, Inc., and Amazon.com (A)." Harvard Business School Case 712-405, April 2012. (Revised October 2013.)
- Ghemawat, Pankaj, and Iniesta, Jose Luis Nueno. “ZARA: Fast Fashion”, Harvard Business School, April 01, 2003.
- Schramade, Willem, “McDonald's: a sustainable finance case study”. September 2019, Erasmus Platform for Sustainable Value Creation, Rotterdam School of Management. .

**INSTRUCTOR BIOGRAPHY:**

Dr. Nathan Wang has more than twenty years’ experience in product development and business management, including turning multiple troubled businesses into profits. Besides Dr. Wang’s accomplishments in high tech industry, he is also a visiting professor of several universities, such as Fudan University and *Hult International Business School*. He has taught on *Global Supply Chain Management*, *Doing Business in China*, and *Business Strategy* for years.



Dr. Wang was Asia General Manager of End-to-End Solutions in *Motorola*; Senior Vice President of *Inventec Corp.*; and Vice President of *Hybrid Networks*. Besides, Wang served as vice chairman of *InfoComm committee, American Chamber of Commerce* in Shanghai (2004).

Dr. Wang led the teams to design and to launch the world's first smart phone (1999), the world's first mobile internet server (2002), and the world's first Linux smart phone (2003). Dr. Wang was also named as the “*Father of Smart Phones*” when he worked in *Motorola*.

Wang obtained his M.Sc. and Ph.D. in Electrical Engineering from *Michigan State University, USA*.