

## 《Geography of International Trade》 Course Syllabus

<b>Course Chinese Title:</b> 国际贸易地理	<b>Course Category (Compulsory/ Elective):</b> Elective
<b>Course English Title:</b> Geography of International Trade	
<b>Total Hours/ Hours Per Week/ Credit(s):</b> 32/2/2	<b>Lab Practice/ Practical Hours:</b> None
<b>Prerequisites:</b> Microeconomics, Macroeconomics	
<b>Follow-up course:</b> Graduate Thesis	
<b>Time:</b> 8:30-10:10, Tuesday (1-16)	<b>Classroom:</b> 2307, Guancheng Campus
<b>Class:</b> class 1, 2021 International Economics and Trade (International Business Industry-University International Program)	
<b>College:</b> School of Economics and Management	
<b>Instructor Name/ Academic Title:</b> Yijia Chen (PhD) / Lecturer	
<b>Office Hour:</b> 10:00-17:00 From Monday to Thursday (if available) at Room 2204, Guancheng Campus	
<b>Course Assessment Method:</b> Open book test ( ) Close book test ( ) Report (✓) Other ( )	
<b>Required Textbook:</b> None <b>Supplementary Materials:</b> <ul style="list-style-type: none"> <li>· Global Shift: Mapping the Changing Contours of the World Economy, Seventh Edition Seventh Edition. The Guilford Press.</li> <li>· Hidalgo, C. A., Klinger, B., Barabási, A. L., &amp; Hausmann, R. (2007). The product space conditions the development of nations. Science, 317(5837), 482-487.</li> <li>· International trade databases: UN Comtrade database, World Input-Output Database</li> </ul>	
<b>Course Description:</b> In an era of globalization where economies are more interconnected than ever before, understanding the changing geography of international trade is essential. This course provides a road map to explore different dimensions of the geography of international trade. Key topics include the spatial and temporal patterns of international trade, the product space of international trade, global value chain, catch-up cycles and windows of opportunity, resilience of international trade, and policy of international trade. In this course, your progress will be evaluated through presentations, discussions, and reports on the geography of international trade of a specific region or industry.	

<b>Course Learning Objectives and its supporting on the requirement for graduation:</b>		
<b>Course Learning Objectives</b>	<b>Measurements on Requirement for Graduation</b>	<b>Requirement for Graduation</b>
CO1: Students should master the basic knowledge of the main topics of international trade geography, familiar with the key concept, principles, policies of the international finance geography.	LO 1.3 Students shall have abilities to analyze and solve the economic issues of Economics and Trade majors.	(CG1) Students shall master the knowledge required by Applied Economics systemically.
CO2: Students should familiar with the mainstream international databases, have the ability to collect trade data, and analyze the geography of international trade.	LO 2.1 Students shall have abilities to collect and sort out business data materials.	(CG2) Students shall be able to analyze problems with using quantitative and information technology (IT) tools.
CO3: Students will be able to effectively solve problems related to the geography of international trade, and will be able to apply innovative thinking to find innovative answers to future challenges in international trade.	LO 5.1 Students shall have strong critical thinking skills and be able to identify problems, distill the crucial points and propose appropriate solutions.	(CG5) Students shall have innovative consciousness and the ability to apply innovative spirit to solve diversified business problems.

### Lecturing Plan

<b>Week</b>	<b>Topic</b>	<b>Instructor</b>	<b>Hours</b>	<b>Contents (Key point、Difficulty、Ethical and political learning)</b>	<b>Instructional Mode (Online/ Blended/ Offline)</b>	<b>Activities</b>	<b>Assignment</b>	<b>Supported Measurements</b>

1	Introduction of the geography of international trade	Yijia Chen	2	<p><b>Key points:</b> Why is geography important? Why do we need to study the geography of international trade? How to get high score in this course?</p> <p><b>Difficulty:</b> Understanding the framework and structure of this course</p>	Offline	Lecture/ Discussion	Reading: the UN Comtrade database	CO1
2	Mapping the geography of international trade	Yijia Chen	2	<p><b>Key points:</b> How to describe the geography of international trade?</p> <p><b>Difficulty:</b> UN Comtrade database, Revealed comparative advantage</p> <p><b>Ethical and Political Learning 1:</b> The rise of the geography of international trade in China</p>	Offline	Lecture/ Discussion		CO2
3	Input-output linkages of international trade	Yijia Chen	2	<p><b>Key points:</b> How to describe the linkage of international trade?</p> <p><b>Difficulty:</b> World Input-Output Database, GVC participation index, Stata</p>	Offline	Lecture/ Discussion		CO2
4	The product space of international trade - I	Yijia Chen	2	<p><b>Key points:</b> How to calculate and draw the product space of international trade?</p> <p><b>Difficulty:</b> Relatedness indicator</p>	Offline	Lecture/ Discussion	Reading: The product space conditions the	CO1

							development of nations. Science	
5	The product space of international trade - II	Yijia Chen	2	<b>Key points:</b> How does the country climb the product space of international trade? <b>Difficulty:</b> Relatedness Density, Related diversification <b>Ethical and Political Learning 2:</b> China climbing the product space of international trade	Offline	Lecture/ Discussion		CO2
6	Global value chain - I	Yijia Chen	2	<b>Key points:</b> What is global value chain? How does the structure of global value chain look like? <b>Difficulty:</b> Input-output structure, Governance structure	Offline	Lecture/ Discussion		CO1
7	Global value chain - II	Yijia Chen	2	<b>Key points:</b> How does the country upgrade the global value chain? <b>Difficulty:</b> Process upgrading, product upgrading, functional upgrading, and inter- sector upgrading	Offline	Lecture/ Discussion		CO3

				<b>Ethical and Political Learning-3:</b> the upgrading of the furniture industry in Houjie, Dongguan				
8	Catch-up cycles and the windows of opportunity	Yijia Chen	2	<b>Key points:</b> How does the late-comer seize the windows of opportunity to catch up the first-mover?  <b>Difficulty:</b> Technological, demand, or institutional windows of opportunity and regional capabilities  <b>Ethical and Political Learning-4:</b> Demystifying the world's leading EV battery manufacturers CATL	Offline	Lecture/ Discussion		CO1
9	Resilience of international trade	Yijia Chen	2	<b>Key points:</b> Why is resilience important for international trade? How can the resilience of international trade be measured?  <b>Difficulty:</b> Indicators of resilience	Offline	Lecture/ Discussion		CO1
10	Policy of international trade	Yijia Chen	2	<b>Key points:</b> What are the policy tools for international trade from the perspective of geography?  <b>Difficulty:</b> Innovation policy and smart specialization	Offline	Lecture/ Discussion		CO3

11	Introduction of report writing	Yijia Chen	2	<b>Key points:</b> How to write a research report? <b>Difficulty:</b> Structuring research reports, establishing theoretical frameworks, and executing empirical analyses <b>Ethical and Political Learning-5:</b> Emphasizing academic integrity, citing sources accurately, applying sound quantitative methods, and integrating theoretical analysis with empirical results.	Integration	Lecturing / Discussion	CO1 CO2	
12	Presentation on the geography of international trade (High-tech industry)	Yijia Chen	2	<b>Key points:</b> Describing and explaining the geography of international trade in high-tech industry <b>Difficulty:</b> Data analysis and theoretical explanation	Integration	Lecturing / Presentation/ Discussion	CO1 CO2 CO3	
13	Presentation on the geography of international trade (labor-intensive industry)	Yijia Chen	2	<b>Key points:</b> Describing and explaining the geography of international trade in labor-intensive industry <b>Difficulty:</b> Data analysis and theoretical explanation	Integration	Lecturing / Presentation/ Discussion	CO1 CO2 CO3	
14	Presentation on the geography of	Yijia Chen	2	<b>Key points:</b> Describing and explaining the geography of international trade in coastal regions	Integration	Lecturing / Presentation/ Discussion	CO1 CO2	

	international trade (coastal regions)			<b>Difficulty:</b> Data analysis and theoretical explanation			CO3	
15	Presentation on the geography of international trade (inland regions)	Yijia Chen	2	<b>Key points:</b> Describing and explaining the geography of international trade in inland regions <b>Difficulty:</b> Data analysis and theoretical explanation	Integration	Lecturing / Presentation/ Discussion	CO1 CO2 CO3	
16	Review for final exam	Yijia Chen	2	<b>Key points:</b> Review all the theoretical and analytical tools in this course <b>Difficulty:</b> Applying theoretical frameworks, executing empirical analyses, and fostering innovative thinking	Offline	Lecture/ Discussion	Review Q & A	CO1
Total			<b>32</b>					

#### Grading

Course Learning Objectives	Supported Measurements	Assessments and Grading Percentage (%)				
		Participation	Assignment	Presentation	Report	
CO1	LO 1.3	10	10	10	40	70
CO2	LO 2.1	0	0	5	10	15
CO3	LO 5.1	0	0	5	10	15
Total		10	10	20	60	100

**Note:** 1) According to Article 12 of the Examination Management Regulations of Dongguan University of Technology, students who are absent from class for three times (or a total of six class hours) shall not be eligible to participate in the final assessment of this course. 2) The assessment criteria for each component are outlined in the attached document.

**Syllabus Submission Date:** 2023.08.25

**School Reviewal:**

Signature:

陈海东

Data: 2023.8.26



## Appendix: Grading Criteria Rubrics

### Participation Grading Criteria

Observation Points	Grading Criteria			
	<i>A(100)</i>	<i>B(85)</i>	<i>C(70)</i>	<i>D(0)</i>
CO1: Understand and master the essential concepts and theories in international trade geography. (100%)	Take part in class activities at 5 times.	Take part in class activities at 3 times.	Take part in class activities at 2 times.	Take part in class activities less than 1 times.

### Assignment Grading Criteria

Observation Points	Grading Criteria			
	<i>A(100)</i>	<i>B(85)</i>	<i>C(70)</i>	<i>D(0)</i>
CO1: Understand and master the essential concepts and theories in international trade geography. (100%)	Shows a full understanding of key concepts in international trade geography.	Shows a good understanding of key concepts in international trade geography.	Shows a fair understanding of key concepts in international trade geography.	Shows no understanding of key concepts in international trade geography.

### Presentation Grading Criteria

Observation Points	Grading Criteria			
	<i>A(100)</i>	<i>B(85)</i>	<i>C(70)</i>	<i>D(0)</i>
CO1: Understand and master the essential concepts and theories in international trade geography. (100%)	Perfectly demonstrate theoretical analysis in presentation.	Clearly demonstrate theoretical analysis in presentation.	Briefly demonstrate theoretical analysis in presentation.	Weakly demonstrate theoretical analysis in presentation.
CO2: Apply business data to analysis the issue of international trade geography. (25%)	Perfectly data analysis in presentation.	Clearly data analysis in presentation.	Briefly data analysis in presentation.	Weakly data analysis in presentation.
CO3: Apply innovative thinking to reveal the fact and issue of international trade geography. (25%)	Perfectly innovative thinking in presentation.	Clearly innovative thinking in presentation.	Briefly innovative thinking in presentation.	Weakly innovative thinking in presentation.

### Report Grading Criteria

Observation Points	Grading Criteria			
	<i>A(100)</i>	<i>B(85)</i>	<i>C(70)</i>	<i>D(0)</i>

CO1: Understand and master the essential concepts and theories in international trade geography. (100%)	Demonstrate a full understanding of theoretical knowledge in the final exam.	Demonstrate a good understanding of theoretical knowledge in the final exam.	Demonstrate an average level understanding of theoretical knowledge in the final exam.	Demonstrate a lack of understanding of theoretical knowledge in the final exam.
CO2: Apply business data to analysis the issue of international trade geography. (25%)	Demonstrate a full understanding in the data analysis.	Demonstrate a good understanding in the data analysis.	Demonstrate an average level understanding in the data analysis.	Demonstrate a lack of understanding in the data analysis.
CO3: Apply innovative thinking to reveal the fact and issue of international trade geography. (25%)	Demonstrate a full understanding in the issue of international trade geography.	Demonstrate a good understanding in the issue of international trade geography.	Demonstrate an average level understanding in the issue of international trade geography.	Demonstrate a lack of understanding in the issue of international trade geography.