

Al-Farabi Kazakh National University
Higher School of Economics and Business
Syllabus
(OIP4306) Intermodal Transport Organization
Fall semester 2020-2021 academic year
on the educational program "Logistics"

| Code of discipline | Name of discipline | Numbers of hours | | | | Number of credits | SIWT |
|--|---|--|---|-------|---------------|--|------|
| | | SIW | Lec | Pract | Lab | | |
| OIP4306 | Intermodal Transport Organization | 98 | 30 | 15 | - | 5 | 7 |
| Academic information about the course | | | | | | | |
| Type of training | Type/nature of the course | Types of lectures | Types of seminars (practical) lessons | | Number of SIW | Form of final control | |
| mixed | basic/practical | classical, explanation, research, visualization. interactive | discussion, expert opinion, case study. conversation, interactive sessions, consultation, study | | 3 | traditional written on the basis of «Оқулық» | |
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| Phone number | 221- 1396 | | | | | | |
| Academic presentation of the course | | | | | | | |
| Purpose of the discipline | Expected learning outcomes (LO) | Indicators of LO achievement (IA) | | | | | |
| students will have the opportunity to form ability to organize intermodal transportation and choose the main routes of movement of goods in international traffic on the basis of existing routes. | <p>As a result of studying the discipline, the student will be able to:</p> <p>LO 1 – determine the role of the transport complex in the development of the national economy and its international integration;</p> <p>LO 2 – apply the tools of technical and technological components of multimodal transport for the organization of intermodal transport;</p> <p>LO 3 – organize the work of an intermodal operator based on risk assessment and pricing;</p> | <p>In the course of studying the discipline, the student must:</p> <p>IA 1.1 – substantiate the role of transport and its place in international trade;</p> <p>IA 1.2 – determine the main transport corridors and directions of international cargo flows;</p> <p>IA 1.3 – identify the features of the organization of local transport systems for the organization of intermodal transportation;</p> <p>IA 1.4 – classify the types of containers according to their main characteristics;</p> <p>IA 2.1 – establish the conditions for organizing intermodal transportation based on international standards;</p> <p>IA 2.2 – compare vehicle types using SWOT analysis;</p> <p>IA 2.3 – use the consolidation of cargo packages for the organization of intermodal transportation;</p> <p>IA 3.1 – apply logistic approaches to assess risks;</p> <p>IA 3.2 – evaluate commercial risks using qualitative and quantitative methods;</p> <p>IA 3.3 – demonstrate the main measures to reduce the level of risks in the implementation of intermodal transport;</p> | | | | | |

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| | <p>LO 4 – choose a method of multimodal transport based on the technology used;</p> <p>LO 5 – make a route of transportation of cargo in mixed traffic with the participation of an intermodal operator.</p> | <p>IA 3.4 – analyze the specifics of pricing in international transportation based on established tariffs;</p> <p>IA 3.5 – estimate the cost of services of an intermodal operator using a conference tariff rate;</p> <p>IA 4.1 – define the main transport systems in multimodal transport to optimize the route;</p> <p>IA 4.2 – explain the reasons for using intermodal technology in transport for shippers;</p> <p>IA.4.3 – draw up a work plan for an intermodal operator with a client based on the principle of "one window";</p> <p>IA 4.4 – define transport corridors and main directions of movement of international cargo flows;</p> <p>IA 5.1 – to organize transport and forwarding work based on the specialization of the participants;</p> <p>IA 5.2 – compose the optimal route when organizing intercontinental and intracontinental transportation;</p> <p>IA 5.3 – develop schemes of integrated supply chains based on the "Bullwhip effect".</p> |
| <p>Prerequisites Postrequirements</p> | <p>OL1205 Basics of Logistics, TL3302 Transport Logistics EIOLS3308 Export-import operations in logistics systems</p> | |
| <p>Literature and resources</p> | <p>1. Зеркалов Д.В. Международные перевозки грузов: учебное пособие / Д.В. Зеркалов, Е.Н. Тимошук. Киев: Основа, 2019. — 552 с.</p> <p>2. Баранова Ю.О. Интермодальные и мультимодальные перевозки: проблемы терминологии / Ю.О. Баранова // Известия Санкт-Петербургского университета экономики и финансов. – 2016. – №6. – С. 85-88</p> <p>2. Галабурда В.Г. Единая транспортная система: учебник для вузов / В.Г. Галабурда, В.А. Персианов, А.А. Тимошин и др. М.: Транспорт, 2011. – 303 с.</p> <p>3. Цой В.Г. Транспортно — логистические проекты Омской области в развитии международных экономических связей / В. Г. Цой / / Формирование транспортнологистической инфраструктуры региона. Инновационные технологии. — №2017. — Омск, 2006.</p> <p>Internet resources:</p> <p>1. Gadzhinsky A.M. Logistics / A.M. Gadzhinsky. М.: Dashkov and Co, 2013.419 p. // Access mode: http://biblioclub.ru/index.php?page=book&id=13504</p> <p>2. Bormotov R.I. Information systems in the logistic management of an enterprise / R.I. Bormotov. М.: Laboratory of books, 2017.113 p. // Access mode: http://biblioclub.ru/index.php?page=book&id=140253</p> <p>3. Leaders of container transportation // Blog about transport logistics, transportation, forwarding, customs services // [Electronic resource] URL: http://www.bglogist.com/category/perevozki/konteynernie_perevozki/ (14.11.2019). Available online: Additional educational material and Internet sources used to complete the assignments of lectures, seminars, CDS, will be available on your page in the Univer.kaznu system.</p> | |
| <p>Academic policy of the course in the context of University moral and ethical values</p> | <p>All students receive online training. The terms of completing the online course modules must be strictly observed in accordance with the schedule of studying the discipline.</p> <p>ATTENTION! Failure to meet the deadline results in loss of points!</p> <p>Academic value:</p> <ul style="list-style-type: none"> - completing tasks lectures/seminars and self-directed learning needs to have independent, creative nature: - plagiarism, forgery, use of cheat sheets, cheating at all stages of control are not allowed; - students with disabilities can receive counseling at the e-mail address – sh.mad@mail.ru, The Univer.kaznu system. | |

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| The politics of educational assessment and evaluation | <p>Criteria-based assessment: boundary controls and exams are evaluated in accordance with the descriptors (checking the formation of competencies)</p> <p>Summative assessment: active participation in the class, performing special creative tasks.</p> |
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Calendar (schedule) for the implementation of the course content

| Week/ Data | Topic title | LO | IA | Number of hours | The maximum score | Form of knowledge assessment | Form of the lesson/ platform |
|---|---|------|-------------------|--------------------|-------------------------|---|---|
| Module 1 - Theoretical foundations of intermodal transport | | | | | | | |
| 1 | 1. Traditional lecture. Introduction to the discipline "Intermodal transportation organization". | LO 1 | IA 1.1. IA 1.2 | 2 | | - preview - discussion of the main issues | - video lecture - in the univer.kaznu system - zoom webinar |
| | 1. Seminar lesson-discussion. The role of transport in the movement of goods at the present stage of economic development. | LO 1 | IA 1.1. IA 1.2 | 1 | 12 | - group discussion | - web session on the ZOOM platform |
| 2 | 2. Lecture-explanation. Justification of the logistics concept of organizing local transport systems | LO 1 | IA 1.3 | 2 | | - discussion of the main issues - solution of tests | - video lecture - in the univer.kaznu system - zoom webinar |
| | 2. Seminar lesson-discussion. State and development prospects of the transport market in Kazakhstan. | LO 1 | IA 1.1 | 1 | 12 | -discussion of test results | - web session on the ZOOM platform |
| 3 | 3. Classical lecture. Logistics in international trade. | LO 1 | IA 1.2 | 2 | 10 | - preview - problem solving | - video lecture - in the univer.kaznu system - zoom webinar |
| | 3. Seminar lesson- writing. Logistics of enterprises in foreign economic activity. | LO 1 | IA 1.2 | 1 | 12 | - academic essay | - Email |

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| | <p>SIWT: consultation on the implementation of SIW 1.</p> <p>SIW1 Organization of intermodal transportation in Kazakhstan and abroad (comparative analysis)</p> | LO 1 | IA 1.2 | 1 | | Consultation | online consultation in Zoom / consultation in WhatsApp chat/ correspondence through email |
| 4-5 | <p>4. Lecture-research. Information support of the transport process in international trade</p> | LO 2 | IA 2.1. IA 2.2 | 4 | 5 | - preview - argumentation -discussion based on the recommended literature and web resources - drawing up a test form | - video lecture |
| | <p>4. Interactive seminar lesson. Information support in multimodal transport systems.</p> | LO 2 | IA 2.1. IA 2.3. | 2 | 12 12 | - group video watching - questions answers on the material seen | - web session on the ZOOM platform |
| | <p>SIWT: protection of SIW 3 SIW 1. Organization of intermodal transportation in Kazakhstan and abroad (comparative analysis).</p> | LO 1 | IA 1.1. IA 1.2. IA 1.3. | | 25 | analytical report and presentation of results | loading by students of the completed assignment into the system of univer.kaznu / distance courses |
| Midterm 1 | | | | | 100 | | |
| Module 2 – Methodology for organizing intermodal transport | | | | | | | |
| 6-7 | <p>5. Lecture-research. Legal basis for international carriage of goods.</p> | LO 2 | IA 2.1 IA 2.2 | 4 | | - justification-discussion based on the recommended literature - determinant test - discussion of test results | - in the univer.kaznu system - zoom webinar |
| | <p>5. Seminar study-research. Features of documentary registration of international transportation by means of transport.</p> | LO 2 | IA 2.2 IA 2.3 | 2 | 12 12 | group presentations of students on international transportation requirements | - web session on the ZOOM platform |

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| 8 | 6. Lecture-visualization. Logistic approach to risk management in foreign trade activities of an enterprise. | LO 3 | IA 3.1 | 2 | 6 | - justification-discussion: - assessment methods | - in the univer.kaznu system - zoom webinar |
| | 6. Seminar session-consultation. Risk management in the foreign trade activities of the enterprise. | LO 3 | IA 3.2 | 1 | 15 | discussion and consultation of students solving problems of risk assessment | - web session on the ZOOM platform |
| | SIWT: consultation on the implementation of SIW 1. SIW2 Organization of intermodal operator activities based on risk assessment and pricing (for example, transportation route Kazakhstan and other countries). | LO 3 | IA 3.3 | | | | online consultation in Zoom / consultation in WhatsApp chat/ correspondence through email |
| 9 | 7. Lecture - explanation. Features of insurance in the implementation of international transportation. | LO 3 | IA 3.4 | 2 | | -discussion - justification-discussion | - web session on the ZOOM platform |
| | 7. Seminar-conference. Compensation for damage in cargo insurance and carrier liability. | | | 1 | 15 | - justification-discussion based on the SWOT analysis table | - in the univer.kaznu system - zoom webinar |
| 10 | Lecture-explanation. Pricing in international transport | LO 3 | IA 3.2 IA 3.3 IA 3.4 | 2 | | - discussion of students' presentations on the supply function of the enterprise | - web session on the ZOOM platform |
| | Seminar lesson-case. Pricing for services of an intermodal operator. | LO 3 | IA 3.2 IA 3.3 IA 3.4 | 1 | 15 | - discussion of research results | - web session on the ZOOM platform |
| | SIWT: protection of SIW 3 SIW 2. Organization of the work of an intermodal operator based on risk assessment and pricing (for example, transportation route | LO 3 LO 4 | IA 3.2 IA 3.3 IA 4.1 IA 4.2 | | 20 | Problem solving, analytical report and presentation of results. | loading by students of the completed assignment into the system of univer.kaznu / distance courses |

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| | Kazakhstan and other countries). | | | | | | |
| Midterm examination | | | | | 100 | | |
| Module 3 – Organization of intermodal transport | | | | | | | |
| 11 | 7. Classical lecture. The main methods of multimodal transport of goods. | LO 4 | IA 4.1 | 2 | | - discussion of the main issues | - web session on the ZOOM platform |
| | 7. Seminar lesson-conversation. Characteristics of methods of transportation of goods. | LO 4 | IA 4.1 | 1 | 15 | - preview - problem solving | - web session on the ZOOM platform |
| 12 | 8. Lecture-explanation. Interaction of modes of transport in multimodal transport systems. | LO 4 | IA 4.3 | 2 | | - preview - justification-discussion based on the recommended literature and web resources | - video lecture - in the univer.kaznu system - zoom webinar |
| | 8. Seminar lesson - case. The role of transport nodes in multimodal systems. | LO 4 | IA 4.3 | 1 | 15 | Case solution | - web session on the ZOOM platform |
| | SIWT: consultation on the implementation of SIW 3 SIW 3 Drawing up a route of transportation of cargo in mixed traffic with the participation of an intermodal operator. | LO 4 | | | | | online consultation in Zoom / consultation in WhatsApp chat/ correspondence through email |
| 13 | 9. Lecture-research. Freight forwarding in multimodal transport systems. | LO 5 | IA 5.2 | 2 | | - preview - test solution - discussion of test results | - video lecture - in the univer.kaznu system - zoom webinar |
| | 9. Seminar - discussion. Specialization of participants in the transport process in international trade. | LO 5 | IA 5.1 IA 5.2 | 1 | 15 | -solution of tests -discussion of test results | - web session on the ZOOM platform |
| 14 | 10. Lecture-explanation. Organization of work of an intermodal operator. | LO 5 | IA 5.1 | 2 | | - preview - justification-discussion based on tabular work | - video lecture - in the univer.kaznu system - zoom webinar |
| | 10. Seminar - research. Basic principles of organizing | LO 5 | IA 5.1 IA 5.2 | 1 | 15 | Academic essay | Email |

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| | the work of an intermodal operator. | | | | | | |
| 15 | 11. Lecture-explanation. Organization of cargo transportation by sea, air, rail and road. | LO 5 | IA 5.4 | 2 | | - preview - determinant test - discussion of test results | - in the univer.kaznu system - zoom webinar |
| | 11. Seminar - discussion. Forms of interaction between transport companies. | LO 5 | IA 5.1 IA 5.2 IA 5.3 | 1 | 10 | argumentation -discussion | - web session on the ZOOM platform |
| | SIWT: protection of SIW 3 SIW 3. Drawing up a route of transportation of cargo in mixed traffic with the participation of an intermodal operator. | LO 1-5 | IA 1.1- IA 5.4 | | | 25 | -test questionnaire; - colloquium game demonstrating the use of basic terms, provisions of the topics of the course |
| Midterm 2 | | | | | 100 | | |
| Exam | | | | | 100 | | |

Dean, doctor of Economics

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