

SYLLABUS OF THE ELECTIVE EDUCATIONAL COMPONENT

«INTERNATIONAL COMMERCIAL LOGISTICS»

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Course Page in Google Classroom			https://classroom.google.com/c/ODc0NTYyMTg1OTA4?cjc=ldezovhm				
Student Elective Course							
Course Workload:	ECTS Credits	Total Hours	Breakdown by Type of Learning Activity:				
			Lectures	Seminars	Practical Classes	Laboratory Classes	Independent Study
	5	150	18	-	36	-	96
COURSE DESCRIPTION							
Course Aim:	developing students' ability to apply modern logistics tools and methods to ensure effective international marketing activities, optimize logistics processes, and enhance enterprise competitiveness in global markets.						
Upon successful completion of the course, students should know:				Upon successful completion of the course, students should be able to:			
– the principles, functions, and role of international commercial logistics in global business and marketing; – key logistics strategies and approaches to evaluating their effectiveness; – principles of international transportation and criteria for selecting appropriate modes of transport; – the structure and management principles of international supply chains; – the role and features of logistics outsourcing, including 3PL and 4PL models; – modern digital technologies and information systems used in logistics, including ERP, TMS, and WMS; – key logistics performance indicators (KPIs), including service level, lead time, costs, and delivery quality; – major types of risks in international logistics and approaches to their mitigation; – principles of logistics service management and its role in enhancing enterprise competitiveness.				– analyze international logistics processes and supply chains; – select appropriate logistics strategies and transportation solutions; – calculate and evaluate key logistics performance indicators (KPIs); – assess logistics costs, lead time, service levels, and delivery efficiency; – identify and evaluate logistics risks and propose measures to minimize them; – evaluate the effectiveness of 3PL and 4PL logistics outsourcing models; – apply digital tools and information systems to manage and optimize logistics processes; – develop practical solutions to improve logistics performance and strengthen enterprise competitiveness in international markets.			

TEACHING AND LEARNING ORGANIZATION		
Topic Description	Type of Learning Activity	Teaching and Learning Methods / Independent Study Tasks
Module 1. Theoretical Foundations of International Commercial Logistics		
Topic 1. The Nature and Objectives of International Commercial Logistics <u>Knowledge:</u> the nature and scope of international commercial logistics; the main functions and objectives of logistics in international business; the principles of organizing logistics processes in international operations.	Lecture 1 2 hours	Explanatory and illustrative materials, visualized lecture, rapid student assessment.
	Practical Class 1 2 hours	Oral questioning, testing, thematic discussion on “ <i>Organization of a Company's Logistics Activities</i> ”; preparation and delivery of a report with a presentation on a topic assigned for independent study.
	Lecture 2 2 hours	Explanatory and illustrative materials, visualized lecture, rapid student assessment.
	Practical Class 2 2 hours	Analysis of the logistics activities of an international company; identification of the main elements of the logistics chain (supply, transportation, warehousing, and distribution); assessment of the role of logistics in creating customer value and competitive advantages; preparation and presentation of the analysis results.

<u>Skills:</u> explain the role of logistics in international marketing; analyze enterprise logistics processes in international business activities. <u>Recommended Sources:</u> 1-4, 7, 8, 9 Topic Assessment: 16 points	Independent Study 16 hours	1. Describe the nature of international commercial logistics and its role in international marketing. 2. Analyze the structure of an international company's logistics chain using Amazon, DHL, IKEA, or another company as an example. 3. Analyze the main risks associated with international logistics and propose measures to mitigate them. 4. Prepare a report and presentation on “<i>Organization of International Logistics Activities: A Company Case Study.</i>”
Suggested List of Courses for Earning Additional Points or Receiving Credit in Place of Practical Assignments / Independent Study for Topic 1	<u>Supply Chain Logistics (Coursera, Rutgers University)</u> — the course introduces the fundamentals of logistics and covers transportation, warehousing, inventory management, customer service, and logistics network design. It develops an understanding of how logistics activities support the efficient movement of goods and contribute to customer value. The course is taught in English and offers a shareable certificate upon successful completion. <u>Supply Chain Management (Coursera, Rutgers University)</u> — the program provides a comprehensive introduction to supply chain and logistics management, including logistics, operations, planning, sourcing, and supply chain strategy. It helps students understand the role of logistics in coordinating product, information, and financial flows within modern business. It is taught in English and offers a shareable certificate.	
Topic 2. Logistics Strategies in International Business <u>Knowledge:</u> the nature of logistics strategy and its role in international business; the relationship between an enterprise's logistics and marketing strategies; key performance indicators for evaluating logistics strategies (KPIs: service level, lead time, and costs). <u>Skills:</u> analyze enterprise logistics strategies in international markets; apply key performance indicators (KPIs) to assess logistics performance; justify strategic decisions in international logistics. <u>Recommended Sources:</u> 1-6, 9, 15 Topic Assessment: 16 points	Lecture 3 2 hours	Explanatory and illustrative materials, visualized lecture, rapid student assessment.
	Practical Class 3 2 hours	Solving problems to determine logistics strategy performance indicators; calculation of logistics service level and lead time; analysis of the results and selection of the optimal logistics strategy for an enterprise; justification of managerial decisions.
	Lecture 4 2 hours	Explanatory and illustrative materials, visualized lecture, rapid student assessment.
	Practical Class 4 2 hours	Solving problems to determine transportation costs; analysis of the transportation cost structure; assessment of the impact of transport mode selection on total logistics costs.
	Practical Class 5 2 hours	Comparison of alternative transportation routes; selection of the most economically feasible delivery option; formulation of conclusions and recommendations for optimizing enterprise logistics costs.
	Independent Study 16 hours	1. Explain the main logistics performance indicators (KPIs: service level, lead time, and costs) and their importance for evaluating enterprise performance. 2. Complete a calculation task to determine logistics strategy performance indicators (service level, lead time, or costs). 3. Prepare a report and presentation on “<i>Enterprise Logistics Strategy in an International Competitive Environment.</i>”
Suggested List of Courses for Earning Additional Points or Receiving Credit in Place of Practical Assignments / Independent Study for Topic 2	<u>Supply Chain Management Strategy (Coursera, Rutgers University)</u> — the course focuses on developing supply chain strategies and applying logistics and supply chain management tools to real-life business situations. It develops skills in identifying business problems, improving supply chain performance, and making strategic logistics decisions. The course is taught in English and offers a shareable certificate upon successful completion. <u>Supply Chain Analytics (Coursera, Rutgers University)</u> — the course focuses on using data analytics to assess supply chain performance and evaluate the impact of different strategies. It develops skills in performance analysis, benchmarking, cost evaluation, and data-driven decision-making, making it particularly relevant to the KPI component of Topic 2. The course is taught in English and offers a shareable certificate.	
Topic 3. International Transport Systems and Infrastructure	Lecture 5 2 hours	Explanatory and illustrative materials, visualized lecture, rapid student assessment.

<u>Knowledge:</u> the role of transportation in international commercial logistics; principles for selecting appropriate modes of transport based on costs, delivery time, and service level; current trends in the development of transport systems, including digitalization, green logistics, and e-commerce. <u>Skills:</u> analyze transportation routes considering costs and delivery time; apply logistics approaches to the organization of transportation; evaluate the efficiency of transportation solutions. <u>Recommended Sources:</u> 1, 2, 5, 6, 10, 11, 14, 16 Topic Assessment: 16 points	Practical Class 6 2 hours	Analysis of transport modes in international logistics; identification of the advantages and disadvantages of different modes of transport (maritime, road, air, and rail); justification of transport mode selection based on cargo characteristics, costs, and delivery time.
	Practical Class 7 2 hours	Solving problems to determine lead time; calculation of transportation duration considering distance, speed, and possible delays; analysis of the results obtained.
	Practical Class 8 2 hours	Solving problems to determine transportation costs; calculation of transportation costs based on tariffs, cargo volume, and additional expenses; assessment of the economic efficiency of transportation.
	Practical Class 9 2 hours	Comparison of alternative transportation routes; selection of the optimal delivery option considering costs, delivery time, and service level; justification of the selected solution.
	Independent Study 16 hours	1. Describe the role of transportation in the international commercial logistics system. 2. Analyze international logistics transport infrastructure, including ports, logistics hubs, and customs terminals. 3. Prepare a report and presentation on “ <i>Organization of International Transportation and Selection of the Optimal Transport Solution.</i> ”
Suggested List of Courses for Earning Additional Points or Receiving Credit in Place of Practical Assignments / Independent Study for Topic 3	International Supply Chains and Logistics (Coursera, University of Colorado Boulder) — the course covers international supply chains, logistics, transportation operations, and the movement of goods across national borders. It develops skills in selecting logistics intermediaries and organizing international transportation and distribution operations. The course is taught in English and offers a shareable certificate upon successful completion. Logistics Core Functions (edX, International Supply Chain Education Alliance — ISCEA) — the course focuses on transportation economics, different modes of transport, transportation management, costing and pricing of transportation services, and distribution strategies. It is particularly relevant to evaluating transportation alternatives and selecting efficient logistics solutions. The course is taught in English and is part of ISCEA’s professional logistics training pathway.	
Module 2. Management of International Commercial Logistics within the Marketing System		
Topic 4. Management of International Logistics Processes and Supply Chains <u>Knowledge:</u> the concept and structure of supply chains and Supply Chain Management (SCM); key approaches to coordinating logistics processes in international business; the role of participants in logistics processes and their interaction; the concept of logistics outsourcing and 3PL and 4PL models. <u>Skills:</u> analyze the structure and efficiency of international supply chains; assess the feasibility of using logistics outsourcing; justify the selection of 3PL and 4PL models. <u>Recommended Sources:</u> 1-6, 9, 12, 15 Topic Assessment: 16 points	Lecture 6 2 hours	Explanatory and illustrative materials, visualized lecture, rapid student assessment.
	Practical Class 10 2 hours	Analysis of the structure of international supply chains; identification of the key participants in the logistics process and their functions; examination of interactions among supply chain elements.
	Practical Class 11 2 hours	Assessment of the efficiency of logistics processes within supply chains; analysis of the level of coordination of logistics operations; identification of factors affecting supply chain efficiency.
	Lecture 7 2 hours	Explanatory and illustrative materials, visualized lecture, rapid student assessment.
	Practical Class 12 2 hours	Analysis of the feasibility of logistics outsourcing; identification of the advantages and disadvantages of 3PL and 4PL models; justification of the selection of a logistics service provider.
	Practical Class 13 2 hours	Comparison of different supply chain organization models; selection of the optimal supply chain structure; formulation of managerial decisions aimed at optimizing logistics processes.

	Independent Study 16 hours	1. Assess the effectiveness of logistics outsourcing and determine the conditions for its application. 2. Compare 3PL and 4PL models and justify the feasibility of their use. 3. Prepare a report and presentation on “<i>Management of an Enterprise’s International Supply Chains.</i>”
Suggested List of Courses for Earning Additional Points or Receiving Credit in Place of Practical Assignments / Independent Study for Topic 4	<u>Supply Chain Principles (Coursera, Georgia Institute of Technology)</u> — the course provides a comprehensive understanding of supply chain structure and management, including the extended supply chain, logistics, transportation, procurement, and the integration of people, processes, and technologies. It is particularly relevant to understanding interactions among supply chain participants and the coordination of logistics processes. The course is taught in English and offers a shareable certificate upon successful completion. <u>Supply Chain Excellence (Coursera, Rutgers University)</u> — the course focuses on managing product, information, and financial flows across supply chain networks and improving overall supply chain efficiency. It develops an integrated understanding of supply chain management and is suitable for analyzing the structure and performance of international supply chains. The course is taught in English and offers a shareable certificate.	
Topic 5. Digital Technologies and Information Systems in International Logistics Knowledge: the role of digital technologies in the development of international logistics; key information systems used in logistics (ERP, TMS, WMS); principles of electronic document management in international operations. Skills: use information systems to manage logistics processes; analyze the effectiveness of digital solutions in logistics; apply modern IT tools to monitor and optimize supply operations. Recommended Sources: 1, 2, 4, 5, 12, 14 Topic Assessment: 18 points	Lecture 8 2 hours	Explanatory and illustrative materials, visualized lecture, rapid student assessment.
	Practical Class 14 2 hours	Analysis of modern logistics information systems (ERP, TMS, WMS); identification of their functional capabilities; assessment of the role of IT systems in improving the efficiency of logistics processes.
	Practical Class 15 2 hours	Analysis of digital solutions in international logistics; examination of electronic document management systems; assessment of the impact of digitalization on the speed and quality of logistics services.
	Practical Class 16 2 hours	Application of IT tools for logistics process management; modeling of information flows; justification of the implementation of digital technologies in enterprise operations.
	Independent Study 16 hours	1. Describe the role of digital technologies in the development of international logistics. 2. Examine the functional capabilities of information systems (ERP, TMS, WMS) and their application in logistics activities. 3. Prepare a report and presentation on “Digitalization of Logistics as a Factor in Enhancing Enterprise Competitiveness.”
Suggested List of Courses for Earning Additional Points or Receiving Credit in Place of Practical Assignments / Independent Study for Topic 5	<u>Supply Chain Digitization: Strategy and Design (Coursera, Indian Institute of Management Ahmedabad)</u> — the course focuses on digital transformation in supply chains, the use of digital technologies in transportation and warehousing, information flows, and data-driven logistics decisions. It specifically covers Transport Management Systems (TMS), warehouse digitization, digital supply chain tools, and real-time decision-making. The course is taught in English and offers a shareable certificate upon successful completion. <u>Supply Chain Software Tools (Coursera, Unilever)</u> — the course focuses on modern software and technologies used in supply chain management, including ERP systems, cloud-based solutions, data management, real-time information, inventory management, analytics, and AI-based tools. It develops practical skills in using digital solutions to support and optimize supply chain operations. The course is taught in English and offers a shareable certificate.	
Topic 6. Efficiency, Risks, and Logistics Service in International Operations	Lecture 9 2 hours	Explanatory and illustrative materials, visualized lecture, rapid student assessment.

Knowledge: approaches to assessing the efficiency of international logistics; key performance indicators (KPIs), including service level, lead time, costs, and delivery quality; major types of risks in international logistics, including economic, political, transportation, and currency risks. Skills: assess the efficiency of logistics processes using KPIs; analyze logistics costs and service levels; identify and assess risks in international logistics. Recommended Sources: 1, 2, 3, 4, 6, 7, 9, 15, 17 Topic Assessment: 18 points.	Practical Class 17 2 hours	Solving problems to determine logistics process performance indicators; calculation of key performance indicators (KPIs), including service level, lead time, and costs; analysis of the results obtained.
	Practical Class 18 2 hours	Analysis of logistics risks in international operations; classification of risks; assessment of their impact on the efficiency of logistics processes; development of measures to mitigate logistics risks.Assessment of an enterprise’s logistics service level; analysis of the relationship between costs, service quality, and customer satisfaction; formulation of managerial decisions aimed at improving the efficiency of logistics activities.
	Independent Study 16 hours	1. Propose measures to minimize logistics risks. 2. Assess the role of logistics service in enhancing enterprise competitiveness. 3. Prepare a report and presentation on “ <i>Managing Efficiency and Risks in an Enterprise’s International Logistics Activities.</i> ”
Suggested List of Courses for Earning Additional Points or Receiving Credit in Place of Practical Assignments / Independent Study for Topic 6	<u>Supply Chain Management: Be Global (Coursera, Macquarie University)</u> — the course focuses on global supply chain management, supply chain risks, coordination, performance, and the challenges associated with managing international supply networks. It develops skills in evaluating supply chain decisions and identifying opportunities for improving efficiency and resilience. <u>Master Control in Supply Chain Management and Logistics (edX, Chalmers University of Technology)</u> — the course focuses on controlling and improving supply chain and logistics operations, including demand forecasting, procurement, capacity and production planning, and managing supply chains under uncertainty. The course is taught in English and offers a verified certificate upon successful completion.	
COURSE FACILITIES AND TECHNICAL RESOURCES A computer lab for practical classes, equipped with a multimedia projector, whiteboard, and screen. Software and digital resources include Windows OS, Microsoft Office, access to online applications, academic journals and other Internet resources, the electronic library of the State University of Information and Communication Technologies (SUICT), the Google Workspace for Education virtual learning environment, and information resources available on the University’s official website.		
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COURSE POLICY (“RULES OF ENGAGEMENT”)

- **Teamwork:** The course involves collaborative work and teamwork.
- **Classroom Environment:** The classroom environment is friendly, creative, and open to constructive criticism.
- **Attendance and Independent Study:** Successful completion of the course requires regular attendance at lectures and practical classes, as well as independent study.
- **Deadlines:** All assignments specified in the course syllabus must be completed and submitted within the established deadlines.
- **Missed Classes:** If a student is absent for a valid reason, they are required to complete and present the assigned tasks during independent study and/or consultation with the lecturer.
- **Course Updates:** The course content is updated annually at the lecturer’s initiative, taking into account changes in Ukrainian legislation, recent academic and scientific developments related to the educational component, and recommendations from stakeholders, including leading industry companies, the academic community, and alumni. Students may also contribute to course updates by submitting their suggestions to the lecturer.
- **Non-formal Education:** Students are entitled to recognition of learning outcomes acquired through non-formal and informal education in accordance with the [Regulations on Non-formal Education of the State University of Information and Communication Technologies](#).

ACADEMIC INTEGRITY AND ARTIFICIAL INTELLIGENCE (AI) USE POLICY

- **Adherence to Academic Integrity Values:** Students are required to comply with the values, principles, and rules of academic integrity in all learning activities.
- **Independent Completion of Assignments:** Each academic assignment must be completed independently, except where collaborative work is required or where the assignment instructions explicitly permit the use of supplementary materials, Internet resources, or AI tools.
- **Citation Requirements:** When using the intellectual work of other authors, including texts, ideas, developments, data, or other materials, students must provide appropriate references to the relevant sources.
- **Self-Plagiarism:** Academic work may include, in whole or in part, a student’s previously submitted work only when this is explicitly permitted by the requirements of the specific assignment.
- **Rules for the Use of AI Tools:**
 - Generative AI systems (e.g., ChatGPT, Claude, Gemini) may be used as supporting tools for generating ideas, identifying sources, structuring materials, or checking syntax/code, unless otherwise explicitly stated in the requirements of a specific assignment.

- If AI tools are used in completing an assignment or preparing research work, students must disclose their use in the submitted work. For example: “*In preparing Section X, [name of AI service] was used for [purpose of use: structural analysis / translation].*”
- Students bear full personal responsibility for verifying the reliability and accuracy of facts, data, references, and other information generated by AI.
- Submitting AI-generated text, code, or calculations without critical evaluation, independent processing, and disclosure of AI use is considered a violation of academic integrity (plagiarism/concealment of authorship).
- Personal data, confidential information, restricted research materials, or proprietary institutional materials must not be uploaded to publicly accessible AI systems.
- Cheating, deception, and undisclosed use of AI during classroom activities are prohibited. Violations of academic integrity may result in penalties, including grade reduction, resubmission of work, or denial of permission to defend the assignment
- Students may consult the [Academic Integrity Code of the State University of Information and Communication Technologies](#) and the [Recommendations of the Ministry of Education and Science of Ukraine on the Responsible Use of Artificial Intelligence Technologies in Higher Education Institutions](#).

ASSESSMENT CRITERIA AND METHODS

A cumulative **100-point assessment system** is used. Continuous assessment is based on students’ participation and activity during lectures, performance in practical classes, and completion of independent study assignments. All assignments are assessed according to the established requirements for content quality and compliance with submission deadlines. If a student is not admitted to the final assessment due to failure to complete the individual study plan, they are given an opportunity to fulfil all admission requirements before the reassessment. A student is entitled to two reassessment attempts. In the case of a repeated reassessment, the assessment may be conducted by a committee appointed by the Director of the Educational and Scientific Institute of Management and Entrepreneurship. The committee’s decision is final. A final score of **0 points (unacceptable)** may result in dismissal for failure to fulfil the requirements of the curriculum. To receive additional points, a student must provide a copy of a relevant certificate, a printed publication, or written confirmation from a publisher that a publication has been accepted for publication. The subject matter of the publication, webinar, or course must correspond to the content of the course. In such cases, additional points may be awarded in place of points for related practical assignments.

The maximum number of additional points that may be credited for the course is **10 points**. The total number of points earned constitutes the final grade for the course. The **maximum score is 100 points**, and the **minimum passing score is 60 points**.

Forms of Assessment / Types of Learning Activities	Assessment
CONTINUOUS ASSESSMENT:	
<i>Class Participation and Performance, including:</i>	
participation in rapid assessments	0.5 points for each correct answer
report and presentation on an independent study topic	Maximum 5 points for each presentation (report) (the assessment depends on the completeness of the topic coverage, quality of information, independent work and creativity, as well as the quality of the presentation and oral delivery)
oral questioning and testing	0.2 points for each correct answer
participation in case study discussions and academic discussions	0.5 points for each participation
<i>Additional Points for Course-Related Activities</i>	
Participation in webinars and training sessions	3 points for every 0.1 ECTS credits (3 hours) of participation, subject to obtaining a certificate
Conference Abstract Publication	3 points for each published conference abstract
Article Published in a Ukrainian Journal	5 points for each article published in a Ukrainian journal
Article Published in an International Journal	8 points for each article published in an international journal
FINAL ASSESSMENT: Graded Credit	According to the assessment criteria

FINAL COURSE GRADE

Points	Evaluation criteria	Level of competence	Grade/entry in the exam sheet
90 100	The student demonstrates complete and solid knowledge of the educational material in the amount corresponding to the syllabus of the discipline, correctly and reasonably makes the necessary decisions in various non-standard situations. Is able to implement the theoretical provisions of the discipline in practical calculations, analyze and compare the data of the objects of activity of a	High It fully meets the requirements for knowledge, skills and abilities set forth in the syllabus of the discipline.	Excellent / Enrolled (A)

	specialist on the basis of knowledge and skills acquired in this and related disciplines. Knows modern technologies and calculation methods in this discipline. During the training during practical classes, when performing individual / control tasks, he showed the ability to independently solve the assigned tasks, actively participate in discussions, can defend his own position on the issues and decisions under consideration. A decrease in the 100-point score may be due to insufficient disclosure of questions related to the discipline being studied, but goes beyond the scope of the material provided by the syllabus, or the student shows uncertainty in the interpretation of theoretical provisions or complex practical tasks	The student's own suggestions in assessments and solving practical problems increases his ability to use the knowledge that he received in the study of other disciplines, as well as the knowledge acquired during the independent in-depth study of issues related to the discipline being studied.	
82-89	The student demonstrates good knowledge, has a good command of the material corresponding to the syllabus of the discipline, analyzes possible situations on their basis and is able to apply theoretical provisions in solving practical problems, but allows some inaccuracies. Knows how to independently correct mistakes, the number of which is insignificant. Knows modern technologies and calculation methods in this discipline. During the training during practical classes, when performing individual / control tasks and explaining the decisions made, he gives comprehensive explanations	Sufficient Provides the student with an independent solution of basic practical problems in conditions when the initial data in them change compared to examples considered in the study of the discipline	Good / Enrolled (B)
75-81	The student is generally well versed in the material, knows the basic provisions of the material corresponding to the syllabus of the discipline, analyzes possible situations on their basis and is able to apply them in solving typical practical problems, but allows some inaccuracies. Is able to explain the main provisions of the completed tasks and give the correct answers when changing the result with a given change in the initial parameters. Errors in answers/decisions/calculations are not systemic. Knows the characteristics of the main provisions that are of decisive importance when conducting practical classes, when performing individual / control tasks and explaining the decisions made, within the discipline being studied.	Sufficient A specific level, according to the studied material of the syllabus of the discipline. Additional questions about the possibility of using theoretical provisions for practical use are difficult.	Good / Enrolled (C)
67-74	The student has mastered the main theoretical material provided by the syllabus of the discipline, and understands the formulation of standard practical problems, has proposals for the direction of their solution. Understands the main provisions that are decisive in the course, can solve similar problems with those discussed with the teacher, but allows a significant number of inaccuracies and gross errors, which can be eliminated with the help of the teacher.	Medium Provides a sufficiently reliable level of reproduction of the main provisions of the discipline	Satisfactory / Enrolled (D)
60-66	The student has certain knowledge provided for in the syllabus of the discipline, owns the basic provisions studied at the level that is defined as the minimum allowable. Using the basic theoretical provisions, the student explains the rules for solving practical/computational problems of the discipline with difficulty. The performance of practical / individual / control tasks is significantly formalized: there is compliance with the algorithm, but there is no deep understanding of the work and relationships with other disciplines	Medium It is the minimum permissible in all components of the discipline syllabus	Satisfactory / Enrolled (E)
35-59	The student can reproduce individual fragments from the course. Despite the fact that the student has completed the syllabus of the discipline, he worked passively, his answers during practical work are mostly incorrect and unfounded. The integrity of the student's understanding of the material in the discipline is lacking.	Low It does not provide practical implementation of tasks that are formed during the study of the discipline	Unsatisfactory with the possibility of retaking) / Not enrolled (FX) Not put in the record book
0-34	The student did not fully fulfill the requirements of the syllabus of the academic discipline. His knowledge at the final stages of training is fragmentary. The student is not allowed to take the test	Unsatisfactory The student is not prepared to independently solve the problems outlined by the purpose and objectives of the discipline	Unsatisfactory with mandatory re-examination / Not admitted (F) Not put in the record book