

JSC «Academy of Logistics and Transport»



APPROVE
Chairman of the ALT AC
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Decision of the Academic Council of ALT
« 29 » 06 2022 (protocol №14)


**THE PROGRAM OF THE BACHELOR'S ENTRANCE EXAM FOR
APPLICANTS TO RELATED EDUCATIONAL PROGRAMS ON THE
BASIS OF TECHNICAL AND VOCATIONAL EDUCATION AND
HIGHER EDUCATION FOR A SHORTENED TRAINING FORMAT**

Group of educational programs:

B095- Transport services

Almaty 2022

The program of the bachelor's entrance exam for applicants to related educational programs on the basis of technical and vocational education and higher education for a shortened training format was discussed and received at the meeting of the Council of the Institute " Logistics and management ", Protocol No. 10 of June 23, 2022.

Chairman of the Council of the Institute
" Logistics and management "  **A.Kaltaev**

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1. The purpose of the interview for a group of educational programs

The purpose of the interview for groups of educational programs is to determine the theoretical and practical readiness of the applicant for bachelor's degree, the level of compliance of knowledge, skills and abilities with the requirements of bachelor's degree in the field of training.

2. The content of the interview materials

Interview questions for applicants to related educational programs on the basis of TVE and HE for a shortened training format

According to educational programs 6B11330 – Transport logistics, 6B11328- "Service management in the industry", 6B11333- "Digital logistics":

6B11330 – Transport logistics

1. Warehouse performance indicators
2. Warehouse management information systems
3. The concept and functions of stocks. Classification of stocks.
4. Development of the theory and practice of inventory management in supply chains. Stocks as an object of management in supply chains.
5. Determining the need for inventory. Inventory maintenance costs.
6. Why is "Logistics" considered an important function of business?
7. List the reasons for the rapid development of road and air transport?
8. What are the main tasks of production logistics?
9. What are the main advantages and disadvantages of different modes of transport?
10. What are the main tasks of production logistics?
11. List the reasons for the rapid development of road and air transport?
12. Which type of transport has the highest ability to deliver? cargo to a given point of the territory "from door to door"? Features of the organization of international transportation?"
13. What is the routing of transportation?
14. What is SMGS?
15. What is the difference between the terms supply logistics and procurement logistics?
16. Describe the organization of the logistics process in the warehouse?
17. What indicators are used to evaluate the efficiency of the warehouse?
18. How is the form of warehousing selected?
19. What methods are used to calculate storage areas?
20. How is the storage system selected?

6B11328 - "Service management in the industry"

1. How do you understand DataMining?
2. Budget deficit and its financing. Public debt and its impact on the economy.
3. Macroeconomic policy: essence, types and directions
4. 24. International monetary relations. The country's balance of payments and methods of its regulation.
5. Taxes, their types, principles, functions. Fiscal policy.
6. What is Blockchain?

7. Goal as the most important characteristic in management. Classification of goals
8. The concept of business strategy and its importance in improving the competitiveness of the organization
9. How do you understand cryptocurrency?
10. Types and functions of management.
11. What does Mining mean?
12. Quality development as an operational strategy priority
13. How is Blockchain technology implemented?
14. Features of the design of new services and the service process
15. Directions for the development of the flexibility of the operating system
16. Give a description of electronic money
17. Management decision-making process
18. Digital risk
19. Manager and entrepreneur. Image Manager
20. What does an electronic digital signature mean?

6B11333- "Digital logistics"

1. The concept of a terminal and terminal system, the classification of terminals, the concept of a logistics center, the problems of creating regional logistics centers
2. In-production transportation (types and types of transportation)
3. Logistics approach to the organization of the transport process
4. Classification of inventory types in relation to logistics operations/functions and by functional purpose
5. Information technology in logistics
6. Types of logistics operations: external, internal
7. Types of information logistics systems and principles of their construction
8. Types of material flows (in relation to the logistics system, by the quantity of cargo, by weight characteristics, by the degree of compatibility, by continuity in time)
9. Inventory management system with a fixed time interval between orders; with a fixed frequency of replenishment of stocks to a constant level
10. Aspects of logistics of goods movement (economic process, management system, field of economics).
11. Types of combined transport and their transport technologies
12. Basic concepts and principles of the formation of terminal systems and logistics control centers.
13. Optimization of the choice of cargo handling technology and warehouse equipment for terminal complexes and logistics centers
14. Conditions for the use of information systems and technologies in commercial activities, their properties.
15. Basic concepts of information logistics.

16. The relationship of material and information flows in the process of functioning of the logistics system.
17. Documentation system. Electronic Document Management (EDI) technology in supply chains.
18. Automatic identification of parameters of commodity and material flows of supply chains.
19. The use of barcode technologies in logistics and SCP.
20. Types and structure of barcodes.

3. Recommended literature

1. М.Н. Информационные системы и технологии в логистике: учебное пособие. – СПб., Дыбская В. В., Сергеев В. И. - ЛОГИСТИКА В 2 Ч. ЧАСТЬ 2. Учебник для бакалавриата и магистратуры - М.:Издательство Юрайт - 2019 - 341с. - ISBN: 978-5-9916-7032-6 - Текст электронный // ЭБС ЮРАЙТ - URL: <https://urait.ru/book/logistika-v-2-ch-chast-2-434214>
2. Дыбская В. В., Сергеев В. И. ; Под общ. ред. Сергеева В.И. - ЛОГИСТИКА В 2 Ч. ЧАСТЬ 1. Учебник для бакалавриата и магистратуры - М.:Издательство Юрайт - 2019 - 317с. - ISBN: 978-5-534-03586-5 - Текст электронный // ЭБС ЮРАЙТ - URL: <https://urait.ru/book/logistika-v-2-ch-chast-1-445029>
3. Davenport, T. H. (2014). Big Data at Work : Dispelling the Myths, Uncovering the Opportunities: Vol. [Academic Subscription]. Harvard Business Review Press.
4. Под ред. Лычкиной Н.Н. - ИНФОРМАЦИОННЫЕ СИСТЕМЫ УПРАВЛЕНИЯ ПРОИЗВОДСТВЕННОЙ КОМПАНИЕЙ. Учебник и практикум для академического бакалавриата - М.:Издательство Юрайт - 2019 - 249с. - ISBN: 978-5-534-00764-0 - Текст электронный // ЭБС ЮРАЙТ - URL: <https://urait.ru/book/informacionnye-sistemy-upravleniya-proizvodstvennoy-kompaniey-433043>
5. Смотрицкая И.И., & Черных С.И. (n.d.). Современные Тенденции Цифровой Трансформации Государственного Управления.
6. Григорьев 2008 г.
7. Иванов Д.А. Информационные системы и технологии в логистике. Интегрированные системы управления предприятием: учебное пособие. – СПб., 2007г.
8. Балахонова И.В. Логистика. Управление материальными информационными потоками на базе ERP-системы: учебное пособие. – Пенза: [б.и.], ч1, ч2, 2005г.
9. Лесохин В.З. Информационные технологии в коммерческой деятельности (коммерция, логистика, маркетинг): учебное пособие. – СПб: Из-во С-Питерб. гос. ун-та экономики и финансов, 2005г. – 249с.
10. Белов Г.В. Информационные технологии предпринимательства: учебное пособие для вузов.- М.: ИКЦ «Академкнига», 2005. - 432с.
11. Родкина Т.А. Информационные системы и технологии в логистике: учебное пособие. – М., 2003г.