Joint Stock Company "Academy of Logistics and Transport"

APPROVED
by the decision of the AC ALT from
«__» _____ 20__ y. (Protocol № __)
President-Rector
_____ Amirgalieva S.N.

EDUCATIONAL PROGRAM

Name: 6B11367 – Traffic organization

Level of training: bachelor course

Code and classification of training areas: 6B113 Transportation services

Code and group of educational programs: B095 Transportation services

Date of registration in the Registry: 12.04.2023г.
Регистрационный номер: 6B11300074

Almaty, 2023 г.

CONTENT

1. INFORMATION ABOUT THE REVIEW, APPROVAL AND APPROVAL OF THE PROGRAM, DEVELOPERS, EXPERTS

DEVELOPED BY

Academy of Logistics and Transport Department
"OPET", Candidate of Technical Sciences. _____ Abibullaev S.Sh.

Academy of Logistics and Transport Department
"OPET", PhD doctor _____ Bekmagambetova L.K.

Kazakhstan Road
Research Institute, Director
Department of Standardization and Information
Candidate of Technical Sciences _____ Aidarbekov E.K.

Kazakhstan Road
Research Institute, Director _____ Aidarbekov E.K.
Department of Standardization and Information
Candidate of Technical Sciences

Student of the educational
program 6B11367-ODD _____ Adaeva U.R.

EXPERTS

"Kazakh Automobile and Road" Institute,
Doctor of Technical Sciences, Professor _____ Kobdikova Sh.M.

Acting Director of KAP -2 (bus fleet)
Deputy General Director
Almatyelectrotrans LLP _____ Umbetov R.E.

_____ Omarkhan A. E.

REVIEWED AND RECOMMENDED

Meeting of the department "OTOT"
(Protocol No. 6 " 16 " February 2023) _____ Abibullaev S.Sh.

UBF meeting "Logistics and Management"
(Protocol No. 4 "21" February 2023) _____ Kaltaev A.K.

The meeting of the UMS ALT
(Protocol No. 4a "29" March 2023 _____ Zharmagambetova M S.

4 APPROVED By the decision of the Academic Council No. 13 dated March 30, 2023

5 INTRODUCED for the first time

2. REGULATORY REFERENCES

The educational program is developed on the basis of the following normative legal acts and professional standards:

1. The Law of the Republic of Kazakhstan "On Education" dated July 27, 2007 No. 319-III (with amendments and additions as of March 27, 2023).
2. The National Qualifications Framework approved by the Protocol of March 16, 2016 by the Republican Tripartite Commission on Social Partnership and Regulation of Social and Labor Relations.
3. The sectoral qualifications framework of the field of "Education", approved by the Minutes of the meeting of the sectoral Commission of the Ministry of Education and Science of the Republic of Kazakhstan on social partnership and regulation of social and labor relations in the field of education and science dated November 27, 2019 No. 3.
4. State Mandatory Standard of Higher and Postgraduate Education (Order No. 66 of the Minister of Science and Higher Education of the Republic of Kazakhstan dated February 20, 2023).
5. Qualification directory of positions of managers, specialists and other employees, approved by the Order of the Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan dated August 12, 2022 No. 309.
6. Rules for the organization of the educational process on credit technology of education in organizations of higher and (or) postgraduate education, approved by the Order of the Minister of the Ministry of Education and Science of the Republic of Kazakhstan No. 152 dated 20.04.2011. (with additions and amendments dated April 04, 2023 No. 145).
7. Classifier of training areas with higher and postgraduate education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 13, 2018 No. 569 (with amendments and additions as of June 05, 2020).
8. The algorithm of inclusion and exclusion of educational programs in the Register of educational programs of higher and postgraduate education, approved by the Order of the Minister of Education and Science of the Republic of Kazakhstan dated December 4, 2018 No. 665 (with additions and amendments as of December 23, 2020 No. 536).
9. WI-ALT-33 "Regulations on the procedure for developing the educational program of higher and postgraduate education".
10. Professional standard: "Rail freight transportation: freight and commercial work (station level)", NCE RK "Atameken", approved by Order No. 256 dated 20.12.2019.
11. Professional standard: "Activity of bus stations and bus stations", NCE RK "Atameken", approved by Order No. 256 dated 20.12.2019.
12. Professional standard: "Organization of station work", NCE RK "Atameken", approved by Order No. 256 dated 20.12.2019.
13. Professional standard: " Organization of professional training of personnel involved in automobile passenger transportation)", NCE RK "Atameken", approved by Order No. 256 dated 20.12.2019.
14. Professional standard: " Organization of professional training of personnel involved in road freight transportation", approved by Order No. 256 dated 20.12.2019.
15. Professional standard: " Деятельность учебных организаций по подготовке водителей транспортных средств", NCE RK 'Atameken", approved by Order No. 256 dated 20.12.2019.
16. 16. Professional standard: “Ensuring the safety of bus traffic”, NCE RK “Atameken”, approved by order No. 256 of December 20, 2019.

3 PASSPORT OF THE EDUCATIONAL PROGRAM

№	Field name	Note
1	Registration number	No. 6B11300065
2	Code and classification of the field of education	6B11 Services
3	Code and classification of training areas	6B113 Transportation services
4	Code and group of educational programs	B095 Transportation services
5	Name of the educational program	Organization of transportation, traffic and operation of transport
6	Type of educational program	Current
7	Purpose of the educational program	Training of qualified and competitive specialists for the transport and communication complex, who possess knowledge and professional skills of effective organization and management of cargo and passenger transportation processes using the latest achievements and innovative technologies in the field of transport operation
8	ISCED level	6
9	Level according to the NQF	6
10	Level according to the IQF	6
11	Distinctive features of the EP	No
	Partner University (JEP)	
	Partner University (Two-degree EP)	
12	Form of training	Full-time, full-time with the use of distance education technology
13	language of education	Kazakh, Russian
14	Volume of credits	241
15	Academic degree awarded	Bachelor in the field of services in the educational program "Organization of transportation, traffic and operation of transport"
16	Availability of an appendix to the license for the direction of training	KZ12LAA00025205 (001)
17	Availability of EP accreditation	Yes
	Name of the accreditation body	Independent Agency for Accreditation and Rating (IAAR)
	Validity period of accreditation	27.05.2021 – 26.05.2026

4 THE GRADUATE'S COMPETENCE MODEL

Name of the educational program: 6B11367 – Traffic management
The purpose of the educational program is to train competitive specialists in the field of traffic management by forming a set of knowledge and skills for the implementation of organizational and legal, regulatory and methodological, design and survey, technical, control and supervisory measures for the management of traffic and pedestrian flows.

Learning outcomes:

LO1 - Express knowledge, understand historical facts, fundamentals of philosophy, features of religious worldview to form the positions of a future specialist

LO2 - To develop language and speech means of Kazakh, Russian and foreign languages in interpersonal, social and professional communication for the transmission and analysis of information, ideas, problems and solutions

LO3 - To describe various types of information and communication technologies and knowledge of natural sciences to solve problems in professional activity

LO4 - The ability to work in a team, assessing situations in interpersonal interaction and professional activity, taking into account social, cultural, legal norms and fundamentals of psychology

LO5 - Plan tasks to maximize the satisfaction of transportation needs, taking into account the rational use of technical means and financial resources with the application of logistics principles in the system of territorial structure

LO6 - To practice issues related to environmental safety, life safety and labor protection for the effective organization of professional activity

LO7 - To evaluate the effectiveness of the management of the transport enterprise based on economic patterns and analyze the technical and economic indicators of its work for decision-making in professional activity

LO8 - To plan new modeling methods and innovative technologies for the development of sustainable transport projects based on data on traffic flows, road infrastructure design and construction of motor vehicles

LO9 - Apply the legislative framework, regulatory legal acts and regulatory and technical documentation regulating licensing and certification in transport, the working procedure of administrative transport authorities to ensure road safety

LO10 - To organize conditions for ensuring traffic safety on the road network with the use of new technical means and innovative technologies for traffic flow management

LO11 - To introduce effective traffic management technologies to refer to traffic regulations in traffic management and passenger service in local and international communications for the organization of transportation

LO12 - To make a decision on the correct transportation and storage of various types of goods in the transport and logistics chain, taking into account the rules of transportation and requirements for the packaging of goods for the organization of professional activities

Area of professional activity: planning and implementation of measures to reduce accidents on roads and their negative consequences; road traffic, road transport and the driver-car-road-environment system; maintenance and maintenance of vehicles; planning and implementation of complex measures to improve conditions and ensure traffic safety in various road, transport and meteorological conditions.

Objects of professional activity: design and installation of technical means for the organization of road traffic, enterprises and transport units, regional transport management bodies and state transport inspection, expert systems and organizations engaged in evaluation activities.

Types of professional activity:

- administrative police department;

- military transport baking;
- organizations for the design and installation of technical means of ODD;
- transport organizations for traffic safety;
- specialist in transport departments and services of industrial enterprises, public utilities and urban transport, at the enterprises of the agro-industrial complex and the education system;
- specialist of motor transport and auto repair service stations.

Functions of professional activity:
- management, organization and logistics;
- marketing and management of the industry in the provision of services;
- design;
- service and operation.

List of specialist positions:
-inspector in the internal affairs bodies;
- traffic control inspector;
- road supervision engineer;
- technical supervision engineer;
- research engineer;
- control engineer;
- laboratory engineer;
- mechanical engineer;
- engineer for mechanization and automation of production processes;
- commissioning and testing engineer;
- engineer of the traffic safety service at enterprises.

Professional certificates obtained at the end of training are not provided.

Requirements for the previous level of education: secondary, post-secondary, vocational secondary, higher education

In the course of training, students undergo various types of professional practice:
- educational;
- production;
- production (pre-graduate).

Educational practice. The organization of educational practice is aimed at obtaining primary professional skills, familiarization with the main objects of transport, areas of professional activity and training profiles and consolidation of the theoretical material passed. As part of the training practice field technical classes are held at the production site (transport enterprises in the city of Almaty "Almatyelectrotrans", bus parks), as well as visits to the museum of transport. Evaluation is carried out by protecting the practice report.

Production practice (1). Familiarization with the principles of the organization of production activities of the main linear enterprises and transport organizations. Consolidation and expansion of theoretical knowledge of students at transport facilities. The study of a transport enterprise (structure, organization of traffic safety work, technical equipment and applied production and repair technologies, production economics and development prospects). Production practice is implemented on the basis of transport enterprises and companies (fleets, transport and logistics companies, etc.) with the appointment of a manager from the enterprise. The form of evaluation is the protection of the practice report.

Pre-diploma / industrial practice (2). The organization of industrial practice is aimed at deepening the student's initial professional experience, developing general and professional competencies, checking his readiness for independent work, as well as preparing for the completion of a final qualification work (diploma project, thesis, or preparation for the certification exam in the specialty). The practice is carried out on the basis of transport enterprises and companies (fleets, transport and logistics companies,

etc.) with the appointment of a mentor from the enterprise. The evaluation form is the protection of the practice report.

Final certification. It is aimed at determining the level of professional training of a graduate according to an educational program. The final certification is implemented in the form of a final certification comprehensive exam or by performing and defending a final qualifying research paper on an actual or problematic topic (individual or group). Based on this assessment, a conclusion is made about the effectiveness of educational activities and the quality of training of specialists.

5. MATRIX OF CORRELATION OF LEARNING OUTCOMES ACCORDING TO THE EDUCATIONAL PROGRAM WITH ACADEMIC DISCIPLINES/MODULES

№	Name of the discipline	Number of credits	Matrix of correlation of learning outcomes according to the educational program with academic disciplines											
			LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10	LO11	LO12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	History of Kazakhstan	5	+											
2	Philosophy	5	+											
3	Foreign language	10		+										
4	Kazakh (Russian) language	10		+										
5	Information and communication technologies	5		+										
6	Sociology	2	+											
7	Cultural studies	2	+											
8	Political Science	2	+											
9	Psychology	2	+											
10	Physical Culture	8	+											
11	Ecology and life safety	5						+						
12	Methods of scientific research		+			+								
13	Fundamentals of Economics and Entrepreneurship		+			+								
14	Fundamentals of law and anti-corruption culture					+								
15	Engineering Mathematics	9	+											
16	Organization and management of passenger transportation	9											+	
17	Labor protection	6						+						
18	Ensuring traffic safety on transport	6					+							
19	Interaction of modes of transport	6								+				
20	Fundamentals of computer modeling	6									+			
21	Transportation management on transport	9											+	
22	Technical means of ODD	9										+		
23	Educational practice	2	+	+	+	+	+	+	+	+	+	+	+	+
24	Organization and management of a motor transport enterprise	6							+					
25	Organization of oversized cargo transportation													+
26	Technology and organization of road transport	6											+	
27	Traffic flow management												+	
28	Transport and cargo systems	6												+
29	Terminal transport systems													+
30	Construction and operation of motor vehicles	6								+				
31	Motor vehicles									+				

32	Design and operation of highways	6								+					
33	Fundamentals of the theory of transport flows													+	
34	Cargo management	6												+	
35	Cargo packing service														+
36	Road conditions and traffic safety	9									+	+			
37	Traffic management	6										+	+		
38	Local Police Service	6									+				
39	Traffic management systems	9										+	+		
40	Transport layout of cities	9								+					
41	Motor Transport Security Service	6									+	+			
42	Production practice-1	3	+	+	+	+	+	+	+	+	+	+	+	+	+
43	Production practice-2	4	+	+	+	+	+	+	+	+	+	+	+	+	+
44	Traffic simulation	6								+					
45	Rules of cargo transportation														+
46	Examination of road accidents	6									+				
47	Examination of UDS and transport flow parameters											+			
48	Licensing and certification on motor transport	7								+	+				
49	Vehicle safety										+				
50	Managerial Economics (Minor 1)	3							+						
51	Logistics Process Management (Minor 1)	3												+	+
52	Basics of driver training (Minor 1)	3									+		+		
53	Time Management (Minor 2)	3					+								
54	Optimization of traffic flows (Minor 2)	3												+	
55	Fundamentals of building UDS and urban engineering networks (Minor 2)	3										+			
56	FINAL CERTIFICATION:	8	+	+	+	+	+	+	+	+	+	+	+	+	+

6. STRUCTURE OF THE BACHELOR'S DEGREE PROGRAM

№ п/п	The name of the cycles of disciplines	Total labor intensity	
		in academic hours	in academic credits
1	Cycle of general education disciplines (GED)	**1680**	**56**
1)	**Required component**	**1530**	**51**
	History of Kazakhstan	150	5
	Philosophy	150	5
	Foreign language	300	10
	Kazakh (Russian) language	300	10
	Information and communication technologies	150	5
	Module of socio-political knowledge (sociology, political science, cultural studies, psychology)	240	8
	Physical Culture	240	8
2)	**University component and (or) optional component**	**150**	**5**
2	Cycle of basic and profile disciplines (BD, PD)	nevertheless 5280	nevertheless 176
1)	**University component and (or) optional component**		
2)	**Professional practice**		
3	Additional types of training (ATT)		
1)	**Component of choice**		
4	Final certification	nevertheless 240	nevertheless 8
	Total	**nevertheless 7200**	**nevertheless 240**

7. WORKING CURRICULUM FOR THE WHOLE TERM OF TRAINING

JSC "Academy of Logistics and Transport"

STUDY PLAN

APPROVED
By the decision of the ALT Academic Council
from "___" _____ 2023 y. Protocol №___
Chairman of the Academic Council
_____ S.N. Amirgalieva

Form of study: full-time

Duration of study: 4 years

Admission: 2023

Direction of training: 6B113 Transportation services

Group of educational programs: B095 Transportation services

Name of the educational program:
6B11367 - Traffic management

Degree: Bachelor in Services

№	Discipline code	Name of cycles and disciplines	Total labor intensity		Form of control, semester		The amount of study load, contact hours						Distribution by semester									Securing the chair
								Classroom			IWSU		1 course		2 course		3 course		4 course			
			in academic hours	in academic credits	Exam	KP (KR)	Total hours	lectures	practical	laboratory	IWSUT	IWSU	1 sem. 15 weeks	2 sem. 15 weeks	3 sem. 15 weeks	4 sem. 15 weeks	5 sem. 15 weeks	6 sem. 15 weeks	7 sem. 15 weeks	8 sem. 7 weeks	9 sem. 8 weeks	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	CYCLE OF GENERAL EDUCATION DISCIPLINES (GED)																					
1.1.		Required component:	1530	51			1530	120	358	15	120	917	16	21	12	2	0	0	0	0	0	
1.1.1.	23-0-B-OK-IK	History of Kazakhstan	150	5	2		150	30	15		8	97		5								SHDaPE
1.1.2.	23-0-B-OK-Fil	Psychology	150	5	3		150	30	15		8	97			5							SHDaPE
1.1.3.	23-0-B-OK-IYa	Foreign language	300	10	1,2		300		90		16	194	5	5								LT
1.1.4.	23-0-B-OK-K(R)Ya	Kazakh (Russian) language	300	10	1,2		300		90		16	194	5	5								LT
1.1.5.	23-0-B-OK-IKT	Information and Communication Technologies	150	5	3		150	30		15	8	97			5							ICT
1.1.6.		Socio-political knowledge module	240	8	1,2		240							4								SHDaPE
	23-0-B-OK-Sotz	Sociology						7	15		8	30										
	23-0-B-OK-Kul	Culturology						8	15		8	29										
	23-0-B-OK-Pol	Political science						7	15		8	30	4									
	23-0-B-OK-Psi	Psychology						8	15		8	29										
1.1.7.	23-0-B-OK-FK	Physical Culture	240	8	1,2,3,4		240		88		32	120	2	2	2	2						SHDaPE
1.2.			150	5			150	30	15	0	8	97	5	0	0	0	0	0	0	0	0	
1.2.1.		Module of the component on the choice of GED	150	5	1		150	30	15		8	97	5									
	23-0-B-KV-EBGD	Ecology and life safety																				MVaTS
	23-0-B-KV-MNI	Scientific research methods																				SHDaPE
	23-0-KV-OEiP	Basics of economics and entrepreneurship																				LTM
	23-0-KV-OPAK	Basics of law and anti-corruption culture																				SHDaPE
	TOTAL FOR THE GED CYCLE		1680	56			1680	150	373	15	128	1014	21	21	12	2	0	0	0	0	0	
2	CYCLE OF BASIC DISCIPLINES (BD):																					
2.1.		University component:	1860	62			1860	285	270	45	64	1136	9	9	6	17	15	0	6	0	0	
2.1.1.	23-0-B-VK-IM	Engineering Mathematics	270	9	1		270	45	45		8	172	9									GE
2.1.2.	23-26/67-B-VK-OUPP	Organization and management of passenger transportation	270	9	4		270	45	45		8	172				9						OTOT
2.1.3.	23-0-B-VK-OT	Labor protection	180	6	5		180	30	30		8	112					6					MVaTS
2.1.4.	23-0-B-VK-VVT	Interaction of modes of transport	180	6	4		180	30	30		8	112				6						OTOT
2.1.5.	23-0-B-VK-OKM	Fundamentals of computer modeling	180	6	3		180	30	30		8	112			6							ICT
2.1.6.	23-0-B-VK(KV)-OBDT	Ensuring traffic safety on transport	180	6	7		180	30	15	15	8	112							6			LTM
2.1.7.	23-0-B-VK-UPT	Transportation management on transport	270	9	2		270	45	45		8	172		9								OTOT
2.1.8.	23-67-B-VK-TSODD	Technical means of traffic management	270	9	5		270	30	30	30	8	172					9					OTOT
2.1.9.	23-0-B-VK-Upr	Educational Practice	60	2	4		60									2						
2.2.		Component of choice:	1080	36			1080	180	180	0	48	672	0	0	12	12	6	6	0	0	0	
2.2.1.	23-67-B-KV-OUAP	Organization and management of a motor transport enterprise	180	6	4		180	30	30		8	112				6						OTOT
	23-67-B-KV-OPNG	Organization of transportation of oversized cargo																				
2.2.2.	23-67-B-KV-TOAP	Technology and organization of road transport	180	6	4		180	30	30		8	112				6						OTOT
	23-67-B-KV-UAP	Traffic flow management																				
2.2.3.	23-26/67-B-KV-TGS	Transport and cargo systems	180	6	5		180	30	30		8	112					6					OTOT
	23-26/67-B-KV-TST	Terminal transport systems																				
2.2.4.	23-67-B-KV-UEAS	Construction and operation of motor vehicles	180	6	6		180	30	30		8	112						6				OTOT
	23-67-B-KV-AS	Motor vehicles																				

2.2.5.	23-26/67-B-KV-PEAD	Design and operation of highways	180	6	3		180	30	30		8	112			6							CE
	23-67-B-KV-OTTP	Fundamentals of the theory of transport flows																				
2.2.6.	23-0-B-KV-Gruz	Cargo management	180	6	3		180	30	30		8	112			6							OTOT
	23-0-B-KV-SUG	Cargo packing service																				
	TOTAL FOR THE CYCLE OF BD		2940	98			2940	465	450	45	112	1808	9	9	18	29	21	6	6	0	0	
3	CYCLE OF PROFILE DISCIPLINES (PD):																					
3.1.		University component:	1560	52			1560	225	225	0	48	852	0	0	0	0	0	21	18	9	4	
3.1.1.	23-67-B-VK-DUBD	Road conditions and traffic safety	270	9	6		270	45	45		8	172						9				OTOT
3.1.2.	23-67-B-VK-ODD	Traffic management	180	6	7		180	30	30		8	112							6			OTOT
3.1.3.	23-67-B-VK-SMP	Local Police Service	180	6	7		180	30	30		8	112							6			LTM
3.1.4.	23-67-B-VK-SUDD	Traffic management systems	270	9	8		270	45	45		8	172								9		OTOT
3.1.5.	23-67-B-VK-TPG	Transport layout of cities	270	9	6		270	45	45		8	172						9				OTOT
3.1.6.	23-67-B-VK-SBA	Vehicle Security Service	180	6	7		180	30	30		8	112							6			OTOT
3.1.7.	23-0-B-VK-PPr1	Industrial practice 1	90	3	6		90											3				OTOT
3.1.8.	23-0-B-VK-PPr2	Industrial practice 2	120	4	9		120														4	OTOT
3.2		Component of choice:	540	18			540	90	90	0	24	336	0	0	0	0	6	0	6	6	0	
3.2.1.	23-67-B-KV-MDD	Traffic simulation	180	6	5		180	30	30		8	112					6					OTOT
	23-26/67-B-KV-PPG	Rules of cargo transportation																				
3.2.2.	23-67-B-KV-EDTP	Examination of road accidents	180	6	8		180	30	30		8	112								6		OTOT
	23-67-B-KV-OUDSPTP	Inspection of the road network and traffic flow parameters																				
3.2.3.	23-67-B-KV-LSA	Licensing and certification in motor transport	180	6	7		180	30	30		8	112							6			MVaTS
	23-67-B-KV-BTS	Vehicle safety																				
Minor program 1"Operational work management"																						
3.2.4.	23-0-B-UE	Managerial Economics	90	3	5		90	15	15		8	52					3					LTM
3.2.5.	23-0-B-ULP	Logistics process management	90	3	6		90	15	15		8	52						3				LTM
3.2.6.	23-67-B-OPV	Basics of driver training	90	3	7		90	15	15		8	52							3			OTOT
Minor program 2 "Organization of planning of the ROAD NETWORK"																						
3.2.4.	23-0-B-TM	Time management	90	3	5		90	15	15		8	52					3					LTM
3.2.5.	23-0-B-OTP	Optimization of transport flows	90	3	6		90	15	15		8	52						3				OTOT
3.2.6.	23-67-B-OPUDSGIS	Fundamentals of building UDN and urban engineering networks	90	3	7		90	15	15		8	52							3			OTOT
	TOTAL FOR THE CYCLE OF PD		2370	79			2370	360	360	0	96	1344	0	0	0	0	9	24	27	15	4	
	Total for theoretical training:		6990	233	0		6990	975	1183	60	336	4166	30	30	30	31	30	30	33	15	4	
4	23-0-B-VK-IA	FINAL CERTIFICATION	240	8																	8	
	TOTAL FOR THE ENTIRE PERIOD OF STUDY		7230	241									30	30	30	31	30	30	33	15	12	
5	ADDITIONAL TYPES OF TRAINING (ATT):																					
5.1.	23-0-B-V	Volunteering	30	1	1		30		10		8	12	1									OTOT
5.2.	23-0-B-FG	Financial literacy	90	3	4		90		10		8	72				3						LTM

AGREED:

Vice-Rector for AA _____ Zharmaganbetova M.S.

Director DAPQ _____ Lipskaya M.A.

DEVELOPED BY:

Director of the Institute "LaM" _____ Kaltaev A.K.

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3. CATALOG OF UNIVERSITY COMPONENT DISCIPLINES

EDUCATIONAL PROGRAM **6B11367-Traffic management**

Level of education: Bachelor **'s degree Duration of study: 4 years** **Year of admission: 2023**

Cycle	Component	Name of the discipline	Total labor		intensity Semester	Learning outcomes	Brief description	of the discipline	Prerequisites
			Post requirements in academic hours	in academic credits					
1	2	3	4	5	6	7	8	9	10
DB	VK	Engineering mathematics	270	9	1	PO1	Mastering the mathematical apparatus for solving theoretical and applied problems of a specific profile, getting an idea of mathematical modeling and interpretation of the obtained solutions. Questions of linear algebra, analytic geometry, mathematical analysis, differential equations, and series theory are considered. Within the framework of the discipline, calculation and graphic work is performed. Active learning methods – teamwork, brainstorming.	Subjects of the school component	Fundamentals of computer modeling, information and communication technologies, Design and operation Road design and operationof highways
DB	VC	Organization and management of passenger transportation	270	9	4	PO11	Study of the principles of organization and management of passenger transportation by various modes of transport in suburban, regional and international communications, the basic concepts of intermodal passenger transportation. Mastering the skills of planning and managing passenger transportation on various modes of transport, developing vehicle traffic schedules and schedules for coordinating the schedules of various modes of transport when they interact. As part of the discipline, you can demonstrate videos, work in small groups, and calculate practical tasks.	Transport management, Interaction of modes of transport	Technology and operation management of stations and junctions, Technology and operation management of railway sections and directions, Passenger transport complex, Production practice 1
DB	VK	Labor protection	180	6	5	RO6	The discipline examines the main dangerous and harmful production factors affecting transport workers during operation and repair of rolling stock, advanced methods and technical solutions to increase occupational injuries, improve working conditions and organize workplace safety, organize and manage the work of the company. labor protection , fire and electrical safety, the main event in the organization of workplaces.	General course of transport, Ecology and life safetyand	Ensuring traffic safety in transport, Organization and management of a motor transport enterprise
DB	VK	Interaction of modes of transport	180	6	4	PO5	Acquisition of knowledge in the field of interaction of various modes of transport. Introduction to the main methods that make it possible to obtain quantitative estimates for choosing optimal solutions in management activities in railway transport. Formation of skills in organizing rational interaction between public and non-public transport, organizations and enterprises. Within the framework of the discipline, group work on tasks and solving practical problems are used.	Transportation management in transport	Organization and management of passenger transportation, Transport support for international transportation, Technology and management of stations and hubs, Organization of cargo and commercial work, Transport and cargo systems
DB	VC	Fundamentals of	180	6	3	RO8	Study of the purpose of technical and software tools, stages and methods of	Engineering	Transport support of international

							support of the modeling process. Application of modern computer technology and automated systems for modeling transport processes, developing models of objects for various purposes, programming languages Python, Java, etc. Classes are conducted using computer technologies.		scientific research, Final certification
of the data base	VC	Traffic safety in transport	180	6	7	179	The purpose of the discipline-a set of theoretical knowledge and practical skills in the field of traffic safety in transport-study of methods of regulatory regulation in the field of traffic safety control; organization of traffic safety services; Registration of traffic safety industrial enterprises in connection with violation of traffic safety regulations; analysis of accidents and official investigation of accidents that require close attention of state regulation and control in the field of transport.	Technical means of automated control systems, Device and operation of motor vehicles, Basic driver training	Motor Transport Security ServiceVehicle safety service, Organization Road Traffic
Man age men t Data base	VC	Transport management	270	9	2	PO11	Discipline meets to study issues related to transportation and management in road transport; individual transportation, traffic and operation of industrial transport; traffic selection; additional transportation and traffic management in road transport; risk of transportation and traffic management in air transport; specific transportation and traffic management in water transport.	General course of transport, Geography of transport	Technology and organization of road transport, Transport and cargo transport
DB	VK	Technical means ODD	270	9	5	PO10	The discipline forms an integral system of application in technical means of road traffic management consideration of consideration, design, inclusion of the area of operation of technical means of road traffic management, application of materials, operation features, calculations of operating modes, as well as studying the current regulatory and technical documentation applied to the operation of equipment means of traffic	management General course of transport, Geography of transport	Ensuring traffic safety in transport, Traffic
man age men t DB	VK	Training practice	60	2	4	RO1-RO12 The	organization of training practice is aimed at providing bachelor's students with the main directions, objects, areas of professional activity and training profiles and consolidation of theoretical material.	General course of transport, Geography of transport	Production practice, , Technical means of road safety, IA
PD	VK	Road conditions and traffic safety	270	9	6	PO9, PO10	The purpose of the discipline is to form a holistic knowledge and practical skills in the field of traffic safety on highways and to draw up measures to improve road conditions in the design and operation of highways by studying the road network and safety problems, the impact of traffic modes and individual elements roads for the risk of roadaccidents.	Fundamentals of design, Construction of highways/ Design of transport objects	Traffic management systems, Final certification
pd	of the Traffi c Mana gemen t Code	Organization of road traffic	180	6	7	RO10, RO11	Discipline reveals the role, state and perspective of road traffic development in modern conditions, taking into account the importance of high efficiency of the transportation process when inspecting road safety and its environmental friendliness; introduces you to the regulatory framework of-legal and technical documents in the field of traffic management, development and efficiency of efficiency	Motor Transport Safety Service, Technical means	of Road Traffic Management Systems, IA
PD	VK	Local Police Service	180	6	7	RO9	Study of the activities of law enforcement agencies on the requirements of road safety, on-site administrative police service in public Administration, main units of the Patrol Department of the Ministry of Internal Affairs of the Republic of Kazakhstan, the Ministry of Internal Affairs of the Russian Federation, the Ministry of Internal Affairs of the Russian Federation, the Ministry of Internal Affairs of the Russian Federation, the Ministry of Internal Affairs of the Russian Federation, the Ministry of Internal Affairs of the Russian	Technical means of traffic management, Road construction, Basic training of drivers	of the Traffic management system. Traffic management. Examination of road traffic accidents

							patterns. About the activities of specialized public service centers: rules for providing services to citizens for obtaining a driver's license, registering vehicles, issuing license plates.		
PD	VC	Traffic management systems	270	9	8	RO10, RO11	Study of a set of software and hardware tools, systems and measures aimed at ensuring road traffic safety, reducing heavy delays, improving the parameters of the road network and improving the environmental situation. Providing traffic management of vehicles and pedestrian flows in the street and road network of cities or highways. Control of traffic light alarms via a remote control panel if surgical intervention is required. Dispatcher control of traffic light alarms.	Technical means of traffic management, Traffic management, Motor transport Safety Service	IA
PD	VK	Transport planning of cities	270	9	6	RO8	The task of the disciplines is a broad holistic system of knowledge and understanding of the basics of planning and development of specific areas of study of the main standards for designing the street and road network, techniques and methods for determining traffic in urban traffic; defining parameters of a network of streets, roads and pedestrian traffic, premises and premises for storing and servicing vehicles.	Traffic modeling, General Transport Course, Urban transport operation	Organization of road traffic, Traffic management systems
PD	VC	Motor Transport Safety Service	180	6	7	RO9, RO10	Study of theoretical and methodological foundations of safety and organization of motor transport in modern conditions. Exclusion of traffic safety activities Regulatory legal acts regulating the activity of the database service, issues of interaction of the database service with the participation of traffic and the traffic police. Equipping and equipping the security cabinet, planning its operation. Development of measures to improve road safety.	Ensuring traffic safety in transport, Urban transport	operation Traffic management, Traffic management systems
PD	VK	Production practice 1	90	3	6	RO1, RO2, RO3, RO4, RO5, RO6, RO7, RO8, RO9, RO10 The	main tasks of production practice are: consolidation of theoretical knowledge and practical skills in the chosen educational program in production conditions, gaining experience in organizational work, obtaining a working specialty, developing practical skills and competencies in the process of mastering the bachelor's program. It is carried out in the bases of practices at enterprises in accordance with this educational program.	Transportation management in transport, Organization and management of passenger transportation, Technology and management of stations and junctions, Training practice	Production practice 2, Transport safety and train traffic management systems, Final certification
of PD	VK	Production practice 2	120	4	9	RO1, RO2, RO3, RO4, RO5, RO6, RO7, RO8, RO9, PO10	The purpose of bachelor's practice is to ensure the relationship between the theoretical knowledge obtained during the assimilation of the chosen educational program and practical activities. The objectives of this practice are to consolidate and deepen the theoretical knowledge gained by students in the course of training, collect information for writing the final qualification work, study best practices at the enterprise, as well as gain experience in independent research work, master various methods of scientific work. It is carried out in the bases of practices at enterprises in accordance with this educational program.	Production practice 1, Transport Safety and Train traffic management Systems	Final Certification

9. CATALOG OF ELECTIVE COMPONENT DISCIPLINES

GENERAL EDUCATION PROGRAM **6B11367-Traffic Management**

Education level: Bachelor **degree Duration of study: 4 years** **Year of admission: 2023**

Cycle	Component	Name of the discipline	Total labor		intensity Semester	Learning outcomes	Brief description	of the discipline	Prerequisites
			Post requirements in academic hours	in academic credits					
1	2	3	4	5	6	7	8	9	10
DB	KV1	Ecology and life safety	150	5	1	PO6	Discipline calculates the main approaches to solving environmental problems; sources and types of emergency situations at transport enterprises; methods of elimination harmful effects on the environment. Emergencies and man-made situations, their causes of prevention and protection. Carrying out rescue and other emergency operations, rendering first aid.	General course of transport, Fundamentals of transport ecology	Ensuring traffic safety in transport, Labor protection
DB	KV1	Methods of scientific research	150	5	1	PO1, PO12	Obtaining theoretical and applied knowledge on methods of scientific research of problems in the field under study. Development of the ability to collect, process and interpret data necessary for forming judgments on social, scientific and ethical issues using modern information technologies, to formulate research tasks, and to develop recommendations for the practical use of research results. Active learning methods: case studies; business role-playing games, group work.	Subjects of the school component	Fundamentals of computer modeling, Design and operation of railways
DB	KV1	Fundamentals of Economics and Entrepreneurship	150	5	1	PO4	The discipline examines the legal basis of interaction between business entities and the state, business entities and their functioning conditions, public-private partnership, social responsibility of entrepreneurship, associations of business entities and their functioning conditions, state support for private entrepreneurship.	Sociology, Political Science, Psychology, Cultural studies, Modern history of Kazakhstan	Fundamentals of management, Transport economics
DB	KV1	Fundamentals of law and anti-corruption culture	150	5	1	RO11 , RO12	Improving the public and individual legal awareness and legal culture of students, as well as the formation of a knowledge system and a civil position on combating corruption as an anti-social phenomenon. As a result of studying the course, students should master the fundamental concepts of law, the constitutional structure of state power of the Republic of Kazakhstan, the rights and freedoms of citizens enshrined in the Constitution, the mechanism for protecting the legitimate interests of a person in case of their violation.	Disciplines of the school component	Transport support of international transportation, Rules of cargo transportation

DB	KV2	Organization and management of a motor transport enterprise	180	6	4	RO7	transport activity. Organizational and legal forms of a motor transport enterprise. External and internal environment of a motor transport company. Products of a motor transport company. Procedure for setting up a motor transport company. Organization of the production process at automobile transport enterprises. Planning and organization of the technical service of a motor transport enterprise. Organization of vehicle enterprise management. Procedure for developing and maintaining road transport enterprise plans.	transport, Design and operation of motor vehicles, Fundamentals of the theory of traffic flows, Technology and organization of road transport, Licensing and certification in motor	of international transport, Traffic management systems, Final certification
of DB	KV2	Organization of oversized cargo transportation				PO12	Discipline is the basic discipline of the component of choice. Technical conditions for loading and securing cargo on a vehicle. Features of transportation of oversized cargo (compliance with the rules of loading, securing and safety during transportation, route coordination, preparation of permits)	General course of transport, Geography of transport, Motor vehicles	Organization of international transport, Traffic management systems, Final certification
of DB	KV2	Organization of oversized cargo transportation	180	6	4	PO11 The	discipline is the basic discipline of the component of choice. Technical conditions for loading and securing cargo on a vehicle. Features of transportation of oversized cargo (compliance with the rules of loading, securing and safety during transportation, route coordination, preparation of permits)	General course of transport, Geography of transport. Motor vehicles	Organization of international transport, Traffic management systems, Final certification
of DB	KV2	Technology and organization of road transport				RO11	The discipline describes the relationship between the main areas of organization and management of cargo and passenger transportation, traffic safety, their transport, information and regulatory support. The place of automobile transport in the process of delivery of goods and passengers by various modes of transport, the place of forwarding services in the organization and performance of cargo transportation	, the general course of transport,the deviceand operation of motor of motor vehicles	vehicles Licensing and certification in motor transport, the Organization and management of a motor transport enterprise , Final certification
of DB	KV2	Transport and cargo systems	180	6	5	RO12	The discipline studies the characteristics of cargo, the choice of cargo handling devices and rolling stock used for loading and unloading operations and transportation, depending on the type of cargo being transported. It reflects such concepts as storage facilities, loading and unloading machines and devices designed to perform cargo operations with wagons, cars and other vehicles	General course of transport, Cargo science, Rules for cargo transportation, Geography of transport, Service logistics in road traffic, Cargo packaging service	Organization of international transportation, Organization of road transport Final certification of
DB	KV2	Terminal transport				syste ms	PO12 The discipline studies: basic principles of formation, management and research of efficiency of terminal cargo transportation systems; simulation models used for designing cargo transportation systems; terminal transport systems abroad; formation of terminal transport systems; modeling of management processes.	General course of transport, Cargo, science, Rules of cargo transportation, Geography of transport, Service logistics in road traffic	Organization of international transportation, Organization of road traffic, Final certification

of DB	KV2	Device and operation of motor vehicles	180	6	6	PO8 The	characteristics of motor vehicles(PBX), engine designs, PBX chassis automatic telephone exchange's steering and braking controlof the PBX; regularities of changes in the technical condition of automatic telephone exchanges, the system of maintenance and repair of rolling stock of motor transport, forms and methods of organizing the work of engineering and technical services, the operation of automatic telephone exchanges in various conditions.	transport,	organization of road transport, Licensing and certification in transport, Organization and management of a motor transport enterprise
DB	KV2	Motor vehicles				RO8	General information, principles of operation, design features of motor vehicles(PBX), their layout and placement of equipment, main technical characteristics, purpose of the main PBX systems and their design, assessment of the influence of various factors on changes in the traction and operational characteristics of PBX; determination of traction and operational characteristics of PBX, fundamentals of technical operation of PBX, technological processes of maintenance are studied PBX systems and their aggregates.	General course of transport,	Traffic flow management, Vehicle safety, Organization of oversized cargo transportation
DB	KV2	Design and operation of highways	180	6	3	PO8	Study of tracing principles, methods and features of designing road elements taking into account natural, climatic and engineering-geological conditions, principles of construction, maintenance and operation of highways using modern technologies machines and mechanisms, computing software complexes. Mastering the skills of performing calculations for construction and reconstruction, determining the appropriate costs. The discipline provides for the development and protection of individual projects.	General course of transport, Geography of transport	Fundamentals of design, Road conditions and traffic safety, Urban transport planning
DB	KV2	Fundamentals of traffic flow theory					Within the framework of this discipline, indicators that characterize traffic flows are studied, such as traffic intensity, traffic density, speed and composition of traffic flow, unevenness and congestion of sections that are necessary for analysis of transport and operational activities of road traffic enterprises. The characteristics of pedestrian flows are being studied. The issues of interaction of vehicles in conjunction with the characteristics of traffic flows are considered.	General course of transport	Survey of UDS and transport flow parameters, Traffic management, Traffic modeling, Organization and management of a motor transport enterprise, Design of transport objects
DB	KV2	Cargo science	180	6	3	RO11 The	discipline includes the study of the following sections: the concept of cargo; transport classification of goods; factors affecting cargo during their storage; biochemical processes in cargo; physical and chemical properties of cargo; volume and mass characteristics of cargo; assessment of cargo quality; methods for determining the quality of cargo; packaging and packaging; marking of cargo; influence of cargo transport characteristics on the organization of cargo transportation.	General course of transport, Geography of transport	Technology and organization of road transport, Transport and cargo transport

						RO12 Terms and conditions of storage of food products and raw		General course of	Transport and cargo
DB	KV2	Cargo packaging service				RO12	materials; consumer properties of goods; labeling and packaging; issues of acceptance of products and raw materials by quantity and quality and methods of quality assessment.	transport, Basics of logistics, Cargo science, Transport geography	systems, Organization of international transportation
PD	KV3	Traffic modeling	180	6	3	PO8	Classification of modeling methods, main approaches, applications in modeling in transport. Planning, designing, and operating mobile systems based on simulation and software to create real-world and situation - related situations. Development of an effective scheme for organizing vehicles, selection and justification of optimal solutions for organizing-иитransportation and managing transport processes.	Technical means of traffic management, Traffic flow management	Urban transport planning, Traffic
man age men t PD	KV3	Rules				for cargo transp ortatio n	RO12 The purpose of the discipline is for students to master the basics of organizing and managing commercial cargo work, the ability of students to organize work on performing cargo and commercial operations and cargo transportation technologies, the use of information technologies and mathematical methods in cargo and commercial work.	General course of transport, Cargo, science, Geography of transport	Transport and cargo systems, Organization of international transportation, Licensing and certification in motor
trans port PD	KV3	Examination of road transport events	180	6	8	PO9 The	discipline is aimed at familiarizing students with the methods and methods of conducting expert examinations, as well as at studying the competencies, rights and obligations of experts and specialists; source materials for expert examinations, local expert examinations, and sites and objects that contributed to and accompanied the development of road and transport tourism.	Local police service and the activities of specialized public service centers, Road conditions and traffic safety, Device and operation of motor vehicles	IA
PD	KV3	Survey of UDS and parameters of traffic flow				RO10 The	discipline is aimed at forming a set of theoretical knowledge and practical skills in the field of street and road network survey and parameters of traffic flow study of the basics of design, ability of a street and road network with the goal of mastering the traffic flow, studying the current SNIPS, state and industry standards	Fundamentals of design, Design transport objects, Fundamentals of the theory of transport potkokov	Traffic management systems, Final certification
of PD	KV3	Licensing and certification in motor	trans port 180	6	7	RO8, RO9	The discipline examines the following issues: the legislative framework in the field of licensing and certification in motor transport, the main provisions of licensing and certification in motor transport; mechanisms of state regulation in the field of car operation; planning tasks certification and licensing of motor vehicles, using the regulatory framework, modern methods and information technologies; methods of licensing and certification of motor vehicles.	Technology and organization of automobile transportation, Rules of cargo transportation, Management and operation of motor vehicles	Organization and management of a motor vehicle enterprise, Organization of international transportation, Organization of road traffic, Final certification

of PD	KV3	KV3 Vehicle safety				PO9	vehicles(TS); passive safety of vehicles; post-accident and environmental safety of vehicles; design features of the vehicle that directly affect the safety of vehicles; issues of regulatory support for vehicle safety; the use of modern scientific achievements in vehicle designs to ensure safety; stability and information content of the vehicle; ergonomic properties of the vehicle.	management, Cargo packaging service, Motor vehicles	international transportation, Traffic management, Summary certification
of the MP		Managerial economics	90	3	5	PO7	Formation of the conceptual apparatus and development of economic analysis skills using modern models and laws of economic science, consideration of economic problems and tasks facing the head of the company. Studying this discipline will allow you to gain and develop knowledge in the field of analytical research of economic, technological and technical parameters of the enterprise, as well as master the skills of applying special methods of economic justification of management decisions and assessing their consequences. Active learning methods are used : situational tasks and the case method.	Fundamentals of economics and entrepreneurship,	Logistics process management, Foreign economic activity in transport
		Logistics process management	90	3	6	PO11, PO12	Manage traffic flows on all types of transport and optimize material flow routes, methods for determining and predicting all parameters of network functioning. Students learn to reveal the essence of flow forming factors, characteristics of the transport network, behavioral factors; establish the relationship between the composition of transport flows and output parameters; study forecasting the load of transport networks; develop skills for solving problems and analyzing transport networks. The training method is case solving.	Management economics	Organization of work of operational personnel, Special conditions of cargo transportation, Final certification
		Fundamentals of driver training	90	3	7	RO9, RO11	Study of traffic rules, technical means of traffic management, structural and dynamic characteristics of vehicles. Рассма- триваютсяThe basic techniques of driving vehicles and ensuring safety on the road network in various road conditions are considered. Driver's behavior in road accidents and administrative liability for traffic violations. Control of knowledge of traffic regulations and the procedure for issuing driver's licenses.	General course of transport, Geography of transport	Technical means of ODD, motor vehicles
		Time management	90	3	5	PO5	Formation of general ideas about the essence and types of time management, principles and methods of time resource management for more successful implementation of professional activities. Active learning methods are used : situational tasks and the case method.	Fundamentals of economics and entrepreneurship	Foreign economic activity in transport
		Optimization of transport flows	90	3	6	RO11	Introduction to modern problems of transport systems development. Study of the principles of organizing transportation by various modes of transport with their rational interaction, optimal organization of transport flows on the network (car flows, passenger flows, etc.). Formation of skills for optimal planning and promotion of transport flows along the main network while ensuring the safety of vehicles and creating conditions for safe work of transport personnel. The discipline provides for solving practical problems.	Organization of railway section operational work	, Cargo station operation management, Final certification

		Fundamentals of construction of UDS and urban engineering networks	90	3	6	RO10	practical skills in the field of inspection of the road network and traffic flow parameters, studying the basics of designing and increasing the capacity of the road network for the purpose of mastering the traffic flow, studying the current SNIPS, state and industry standards	and transport flow parameters	cities, Traffic modeling, Final certification

10. EXPERT CONCLUSIONS

ЭКСПЕРТНОЕ ЗАКЛЮЧЕНИЕ
на образовательную программу
«Организация дорожного движения»

Реализация образовательной программы «6В11367-Организация дорожного движения» осуществляется посредством последовательности изучаемых дисциплин, с установлением конкретных задач и целевых индикаторов. Четко прослеживается междисциплинарное взаимодействие, которое заключается в комплексной связи между содержанием отдельных учебных дисциплин, посредством которых достигается внутреннее единство программы подготовки специалистов.

В учебном плане образовательной программы определен перечень всех учебных дисциплин обязательного компонента и компонента по выбору, трудоемкость каждой учебной дисциплины в кредитах, последовательность их изучения, виды учебных занятий и формы контроля. Актуально изучение вопросов экологической обстановки и обеспечение условий безопасной трудовой деятельности на предприятиях транспортной отрасли

Образовательные траектории разработаны в соответствии с запросами транспортно-коммуникационной отрасли и имеет достаточное учебно-методическое, информационное и материально-техническое обеспечение, необходимое для подготовки высококвалифицированных специалистов.

Цель образовательной программы актуальна, сформулирована достаточно лаконично и объединяет в себе результаты обучения. В описании дисциплин отражены их цели и содержание, как индикатора достижения результатов обучения по данной образовательной программе. Также, в образовательной программе, разработанной на основе профессионального стандарта, отражены основные трудовые функции в компетенциях и результатах обучения, указаны виды связей с работодателями: проведение гостевых лекций, лекций ведущих топ менеджеров, наличие филиалов кафедр на базе организаций.

Таким образом, представленная на экспертизу образовательная программа «Организация дорожного движения» по направлению подготовки кадров «Транспортные услуги», полностью соответствует требованиям ГОСО, имеет четкую последовательность при разработке, отвечает современным запросам рынка труда, профессиональным стандартам и может быть реализована для подготовки кадров по образовательной программе «6В11367-Организация дорожного движения» по направлению «Транспортные услуги».

КЕНСЕ КАНЦЕЛЯРИЯ

Эксперт
«Казахской автомобильно-дорожный институт», д.т.н., профессор **Кобдикова Ш.М**

«____» _____2023г

ЭКСПЕРТНОЕ ЗАКЛЮЧЕНИЕ
на образовательную программу
«Организация дорожного движения»

Реализация образовательной программы «6В11367-Организация дорожного движения» осуществляется посредством последовательности изучаемых дисциплин, с установлением конкретных задач и целевых индикаторов. Четко прослеживается междисциплинарное взаимодействие, которое заключается в комплексной связи между содержанием отдельных учебных дисциплин, посредством которых достигается внутреннее единство программы подготовки специалистов.

В учебном плане образовательной программы определен перечень всех учебных дисциплин обязательного компонента и компонента по выбору, трудоемкость каждой учебной дисциплины в кредитах, последовательность их изучения, виды учебных занятий и формы контроля. Актуально изучение вопросов экологической обстановки и обеспечение условий безопасной трудовой деятельности на предприятиях транспортной отрасли

Образовательные траектории разработаны в соответствии с запросами транспортно-коммуникационной отрасли и полностью соответствует требованиям профессиональных стандартов в сфере подготовки кадров высшей квалификации в области транспортной безопасности, а также задачи соответствуют с запросами потенциальных работодателей.

Цель образовательной программы актуальна, сформулирована достаточно лаконично и объединяет в себе результаты обучения. В описании дисциплин отражены их цели и содержание, как индикатора достижения результатов обучения по данной образовательной программе. Также, в образовательной программе, разработанной на основе профессионального стандарта, отражены основные трудовые функции в компетенциях и результатах обучения, указаны виды связей с работодателями: проведение гостевых лекций, лекций ведущих топ менеджеров, наличие филиалов кафедр на базе организаций.

Таким образом, представленная на экспертизу образовательная программа «Организация дорожного движения» по направлению подготовки кадров «Транспортные услуги», полностью соответствует требованиям ГОСО, имеет четкую последовательность при разработке, отвечает современным запросам рынка труда, профессиональным стандартам и может быть реализована для подготовки кадров по образовательной программе «6В11367-Организация дорожного движения» по направлению «Транспортные услуги».

Эксперт
Директор Автобусного парка -3
города Алматы **Кундакбаев С.М.**

«____» _____2023г

11. REVIEWER'S CONCLUSION

РЕЦЕНЗИЯ

на образовательную программу
по направлению подготовки «6В11367-Организация дорожного движения»

Образовательная программа «6В11367-Организация дорожного движения» содержит следующую информацию: квалификация выпускника, форма и срок обучения, направление и характеристика деятельности выпускников, приведен полный перечень компетенций, которыми должен обладать выпускник в результате освоения данной образовательной программы.

Дисциплины учебного плана по рецензируемой образовательной программе формируют весь необходимый перечень общекультурных и профессиональных компетенций, предусмотренных ГОСО по соответствующим видам деятельности.

В учебном плане образовательной программы определен перечень всех учебных дисциплин обязательного компонента и компонента по выбору, трудоемкость каждой учебной дисциплины в кредитах, последовательность их изучения, виды учебных занятий и формы контроля. Каталог элективных дисциплин, Каталог внутри вузовского компонента полностью отражают преемственность дисциплин «Обследование УДС и параметров транспортного потока», «Организация и управление автотранспортным предприятием», «Системы управления дорожным движением», «Моделирование дорожного движения» и «Организация и управление пассажирскими перевозками».

Соблюдена последовательность изучения дисциплин, включены дисциплины необходимые для производства и технологического процесса.

Содержание рабочих программ учебных дисциплин и практик позволяет сделать вывод, что оно соответствует компетентностной модели выпускника.

Образовательная программа предусматривает профессионально-практическую подготовку обучающихся в виде практики. Содержание программ практик свидетельствует об их способности сформировать практические навыки обучающихся.

Для разработки образовательной программы были привлечены опытный профессорско-преподавательский состав, ведущие представители работодателя, обучающиеся, учтены их требования при формировании дисциплин профессионального цикла.

Заключение:

В целом, рецензируемая образовательная программа отвечает основным требованиям ГОСО, национальной рамке квалификаций, отраслевой рамке квалификаций, профессиональных стандартов, Атласу новых профессий и способствует формированию общекультурных и профессиональных компетенций по направлению подготовки «6В11367-Организация дорожного движения» специалистов «Транспортные услуги».

Рецензент
Заместитель генерального директора
ТОО «Алматыэлектротранс» **Омархан А.Е.**

«____» _____ 2023г

12. LETTERS OF RECOMMENDATION

Қазақ
жол қозғалысы қауіпсіздігі
ғылыми зерттеу институты

Қазақстан Республикасы, Жетісу облысы,
Талдықорған қаласы, Кивилева көшесі, 5/6.
тел: +7 728 2246632,
https://kazrap.kz, https://vizionzero.kz
e-mail: info@kazrap.kz , qazaqrsa@gmail.com

Казахский
научно-исследовательский
институт безопастности
дорожного движения

Республика Казахстан, Жетысуская область,
город Талдыкорган, улица Кивилева, 5/6.
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e-mail: info@kazrap.kz , qazaqrsa@gmail.com

Kazakh Scientific Research Institute for Road Safety

Republic of Kazakhstan, Zhetysu region, Taldykorgan city, Kivlileva str.,5/6 tel.: +7 728 224 6632, https://kazrap.kz, https://vizionzero.kz

№ 144 от 01.12.23 г.

Президенту-Ректору
Академии логистики и транспорта
Амиргалиевой С.Н.

Уважаемая Салтанат Нурадиловна!

«Казахский научно-исследовательский институт безопасности дорожного движения» (далее – КазНИИБДД) ознакомиевшись с содержанием образовательной программы «Организация дорожного движения» вносит следующие рекомендации:

- включить в содержание образовательной программы дисциплины: с IT технологиями,
- увеличить количество часов, выделяемых на проведение части лабораторных и практических занятий на базах работодателей с целью формирования определенных видов профессиональных компетенций;
- актуализировать содержание образовательных программ путем включения в цикл базовых и профилирующих модулей дисциплины, отражающие современные инновационные технологии в транспортно-коммуникационной сфере.

Предлагается включить следующие дисциплины «Основы теории транспортных потоков», «Безопасность транспортных средств», «Дорожные условия и безопасность движения», «Обследование УДС и параметров транспортного потока», «Моделирование дорожного движения», «Служба местной полиции», «Системы управления дорожным движением»;

- увеличить количество часов, выделяемых на проведение производственных практик;

включить дисциплины:

- анализа и контроля за движением с IT компетенциями;
- касающиеся организации деятельности и структуру транспортных и дорожных организации;
- условия эксплуатации и ремонта автодорог и УДС;
- экономического и управленческого характера, экономических потерь ДТП и экономического эффективности внедрение БДД;
- по аудиту и инспекции БДД;

- по концепциям БДД (VISION ZERO, системный подход безопасности, и т.п.);

- управление системы обеспечение БДД.

Директор **А. Масанов**

Исп: Байбатыров А.
qazaqrsa@gmail.com
87028233333

13. MINUTES OF REVIEW AND APPROVAL

Академия логистики и транспорта

ПРОТОКОЛ № 6а
Заседания
Академического комитета по образовательной программе и ведущих преподавателей кафедры «Организация перевозок и эксплуатация транспорта»

г. Алматы «20» февраля 2023 года

Председатель: Абибуллаев С.Ш.
Секретарь: Суйеншова М.Е.
Присутствовали: и.о. зав.кафедрой «ОПЭТ» ассистент-профессор Абибуллаев С.Ш.: ассоциированные профессоры: Альтаева Ж.Ж., Вахитова Л.В. ассоциированные профессоры АЛиТ Мусабаев Б.К., Молгаждаров А.С.: ассистент-профессоры: Избаирова А.С., Муратбекова Г.В.; сениор-лекторы: Бекмагамбетова Л.К., Нуржаубаев М.М.; Лектор: Алданазаров К.Т., специалист Суйеншова М.Е.члены Академического комитета, ведущие ППС кафедры
Представители с производства: Директор Автобусного парка -1, города Алматы Сыдыкбеков М.Н.; «Казахской автомобильно-дорожный институт», д.т.н., профессор Кобдикова Ш.М.; Исполнительный директор ТОО «Специализированное монтажно-эксплуатационное управление» г.Алматы Тустикбаев Е.Б.; Заместитель начальника Управления административной полиции ДП г.Алматы Баятанов Б.Т.; Исполнительный директор ТОО «Специализированное монтажно-эксплуатационное управление» г.Алматы Тустикбаев Е.Б.;
Обучающиеся:

ПОВЕСТКА ДНЯ:

1. Рассмотрение компетентностной модели выпускника
2. Рассмотрение возможности включения дисциплин в КЭД и РУП

По первому вопросу
ВЫСТУПИЛ(а):
Зав. кафедрой и.о. зав.кафедрой «ОПЭТ» ассистент-профессор Абибуллаев С.Ш предложил рассмотреть компетентностную модель выпускника по 3 уровням образования: бакалавриат. Представлены образовательная программа 6В11367 – Организация дорожного движения. Компетентностная модель выпускника включает в себя следующие части:

- Цель и задачи образовательной программы;
- Результаты обучения;
- Область, объекты, виды и функции профессиональной деятельности;
- Перечень должностей по образовательной программе;
- Профессиональные сертификаты, полученные по окончании обучения;
- Требования к предшествующему уровню образования.

ВЫСТУПИЛ:
Представитель работодателей Директор Автобусного парка -1, города Алматы Сыдыкбеков М.Н., который предложил в силу специфики их организации отразить в объектах профессиональной деятельности следующее: департаменте административной полиции, организациях по проектированию и установки технических средств ОДД, специалистом в транспортных отделах и службах промышленных предприятий и коммунальное хозяйства и городского транспорта, на предприятиях агропромышленного комплекса и системе образования.

ВЫСТУПИЛ:
Член кафедры Ассоциированный профессор АЛиТ Молгаждаров А.С., который предложил в образовательных программах учесть проведение ряда практических занятий на

производственной базе, Автобусного парка -1, города Алматы, Специализированное монтажно-эксплуатационное управление» г.Алматы и др.

После рассмотрения компетентностной модели выпускника было предложено утвердить данную Модель по образования для образовательных программ 6В11367 – Организация дорожного движения.

ПОСТАНОВИЛИ:

Предоставить компетентностную модель выпускника по образованияю бакалавриат для рассмотрения и утверждения на Совете института «Логистика и управление».

По второму вопросу

ВЫСТУПИЛ(а): и.о. зав.кафедрой «ОПЭТ» ассистент-профессор Абибуллаев С.Ш с предложением заслушать представителей работодателей и обучающихся по включению новых дисциплин в КЭД и РУП приема 2023г.

ВЫСТУПИЛ: представитель работодателей Тустикбаев Е.Б.

Организации заинтересованы в специалистах, имеющих хороший уровень подготовки и знаний в области организации дорожного движения. Вносим предложения о внесении в РУП следующих востребованных дисциплин: Наименование дисциплин для внесения в ОП 6В11367 –ОДД: Дорожные условия и безопасность движения; Организация перевозок опасных грузов; Лицензирование и сертификация на автотранспорте; Основы построения УДС и городских инженерных сетей.

ВЫСТУПИЛ: представитель работодателей Баятанов Б.Т., Кобдикова Ш.М.

Организации заинтересованы в специалистах, имеющих хороший уровень подготовки и знаний в области организации организации дорожного движения. Вносим предложения о внесении в РУП востребованных дисциплин: Проектирование и эксплуатация автомобильных дорог; Экспертиза дорожно-транспортных происшествии .

ПОСТАНОВИЛИ:

1. Информацию принять к сведению;
2. Учесть предложения и рекомендации работодателей и обучающихся;

Рассмотреть включение в РУП следующие дисциплины:

1. Дорожные условия и безопасность движения;
2. Организация перевозок опасных грузов;
3. Лицензирование и сертификация на автотранспорте;
4. Основы построения УДС и городских инженерных сетей
5. Проектирование и эксплуатация автомобильных дорог;
6. Экспертиза дорожно-транспортных происшествии .

Председатель: **Абибуллаев С.Ш.**

Секретарь: **Суйеншова М.Е.**

Академия логистики и транспорта

ПРОТОКОЛ № 4

Заседания КОК УМБ института «Логистика и управление»

г. Алматы «21» февраля 20[illegible]3 года

Председатель: Калтаев А.К.
Секретарь: Маулина Н.Х.

Присутствовали: Калтаев А.К – председатель, директор института «ЛиУ» ассистент-профессор АЛТ; Бадамбаева С.Е – зам. председателя, зам. директора института «ЛиУ»., Елешева Ж.Б. - секретарь, ассистент-преподаватель кафедры «ЛМТ», зав. кафедрой «ОПЭТ», ассоц. профессор Битилеуова З.К., зав.кафедрой «ЛМТ», ассоц. профессор Мусалиева Р.Д., и.о. зав.кафедрой «ОПЭТ», ассистент-профессор Абибуллаев С.Ш., ассоц.профессор кафедры «ЛМТ» Арзаева М.Ж, ассистент-профессор кафедры «ЛМТ» Сугурова А.Ж., ассистент-профессор кафедры «ЛМТ» Маликова Л.М., ассистент-профессор кафедры «ЛМТ» Мурзабекова К.А., ассоц. профессор кафедры «ОПЭТ» Вахитова Л.В., ассистент-профессор кафедры «ОПЭТ» Альтаева Ж.Ж., ассоц. профессор кафедры «ОПЭТ» Мусабаев Б.К., ассист. профессор кафедры «ОПЭТ» Муратбекова Г.В., ассоц. профессор АЛТ кафедры «ОПЭТ» Молгаждаров А.С.; ассистент-профессор кафедры «ОПЭТ» Избаирова А.С., сениор-лектор кафедры «ЛМТ» Урсарова А.К., сениор-лектор кафедры «ОПЭТ» Нуржаубаев М.М., сениор-лектор кафедры «ОПЭТ» Алданазаров К.Т, лектор кафедры «ЛМТ» Ебесова А.Б, докторант Олжабаева Р.С.

Представители с производства: Начальник отдела АСУ, филиал ТОО «КТЖ-Грузовые перевозки» - «Алматинское отделение ГП» - Абдреев Г.А., Начальник станции Алматы-1, филиал ТОО «КТЖ-Грузовые перевозки» - «Алматинское отделение ГП» - Садыков Б.А., Начальник отдела диспетчерского управления перевозками ТОО «Транском» - Косыбаев К.К., Генеральный директор ТОО «Azurite Railway Solutions» - Шарубеков М.Н., Начальник регионального центра управления движением поездов по Юго-Восточному регионы ТОО «КТЖ-Грузовые перевозки» - Тургалиев А., Начальник вокзала Алматы-2 – Акпанов Б.Б., директор ТОО «STLC» - Токтамысова А.Б.

Обучающиеся: обучающийся группы УС-ОП-21-3р Мусин Д.А., обучающийся группы МН-ЭЭИВЖТ-22-1 Муратбеков Б.Н., обучающийся группы МН-ОПДЭТ-22-1 Асанов А.Ж. обучающийся группы МН-РПЛ-21-1 Еркебай Айя, обучающийся группы ТЛ-20-4 Сасамбаев Д.Т,

ПОВЕСТКА ДНЯ:

1. Рассмотрение Каталога элективных дисциплин (КЭД), Рабочей учебной программы (РУП), паспорта образовательных программ бакалавриата, магистратуры и докторантуры.

ВЫСТУПИЛ(а): зав. кафедрой «ОПЭТ» Абибуллаев С.Ш. представил на рассмотрение КЭД, РУП бакалавриата, магистратуры и докторантуры.

На кафедре «ОПЭТ» было проведено заседание с привлечением представителей работодателей и обучающихся по обсуждению структуры и содержанию образовательных программ бакалавриата, магистратуры и докторантуры 6В11326-Организация перевозок, движения и эксплуатация транспорта; 6В11367-Организация дорожного движения; 7М11351 (7М 1352)-Организация перевозок, движения и эксплуатация транспорта.

Представителями работодателей и обучающимися были предложены ряд новых актуальных дисциплин, которые кафедра одобрила и включила в новые КЭД и РУП.

ПОСТАНОВИЛИ:

1. Информацию принять к сведению;
2. Учесть все предложения и рекомендации работодателей, представителей студенческого актива;

3. Представить КЭД, РУП и ОП бакалавриата, магистратуры и докторантуры для рассмотрения и утверждения на Совете института, УС Академии.

Председатель КОК УМБ **Калтаев А.К.**

Секретарь **Маулина Н.Х.**

14. APPROVAL SHEET

№	Full name	Place of work/study	Date of approval	Дата
	Mussaliyeva A.D			
	Abdiraiymova A.S.	ALM		
	Smailova F.I	ALT		
	Shingissov B.T.	ALT head of department		
	Ashirbayev G.K	ALT Rolling stock dep.		
	[illegible]	ALT		

15. CHANGE REGISTRATION SHEET

Publication number	Date of introduction	Changes	Signature
1	2	3	4