



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on the results of the work of the external expert evaluation Commission
for compliance with the requirements of the standards of specialized
accreditation of educational programs

Cluster 3

1302000 - " Automation and management (by profile)»,
qualification 1302033 - " Electrician»

Kazakh humanitarian law and technical higher college

Kyzylorda 2018

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert Commission

*Addressed
Accreditation
the Council of the IAAR*



Независимое агентство
аккредитации и рейтинга

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from « 13 » to « 15 » November 2018.

Kyzylorda city

«15» November 2018

(I) REPRESENTATION OF EDUCATION ORGANIZATION

In order to implement the state legal direction in the region and provide the country with qualified specialists of secondary special education, **the Non-government Educational Institution "Kazakh Humanitarian Law and Technical High College" of the Kyzylorda region** (here in after – KHL&THC) was originally founded in the 2001-2002 academic year by order of the rector of the Kazakh State Law School Academy of Law, Professor Maksut Narikbayev (Order No. 29 of February 6, 2001), as the Kyzylorda College of Law and the there was a reception of applicants in the specialty "Jurisprudence". In different years KHL&THC was transformed.

KHL&THC activities are carried out on the basis of the Charter, approved by the founder of Bilim Shamshyragy LLP dated May 10, 2018 (reapproved), certificate of state re-registration of a legal entity dated May 17, 2018 issued by the Justice Department of Kyzylorda region, as well as in accordance with the Law of the Republic of Kazakhstan "On Education" Dated July 27, 2007, No. 319-III, Model Rules for the Activities of Technical and Professional Education Organizations, approved by the Government of the Republic of Kazakhstan dated May 17, 2013, Order No. 499, State Law standards of education for Technical and professional education (hereinafter - TPEP), the State Program for the Development of Education and Science of Kazakhstan on 2016-2019 years, and other normative legal acts, regulating the system of technical and professional, post-secondary education.

The owner of KHL&THC is LLP "Bilim Shamshyragy". The form of ownership is private.

KHL&THC works on the basis of the license No. KZ13LAA00011898, issued by the Department for Control of Education in the Kyzylorda region of May 25, 2018, without a time limit.

Confirming document on the availability of its own educational material and technical base is the State acts on the right of permanent use of land.

In 2013, the KHL&THC passed the State attestation and confirmed the State license for certified specialties (Order of the Department for Education Control of the Kyzylorda Region No. 1744 of April 29, 2013).

The KHL&THC implements technical and professional education programs (hereinafter referred to as TPEP), which allow trainees to acquire practical skills in the related specialties of vocational and technical education.

The college provides training for mid-level specialists who are in demand for the country's economy.

The college conducts training in 26 specialties of TPE:

Training is conducted on full-time and part-time forms of education, the languages of instruction are state and Russian.

The total contingent on college for September 1, 2017-2018 school year amounted to 1674 people, 397 of them under the state order.

For the implementation of the college's mission, purposeful achievement of strategic goals and objectives, the provision of quality educational services and the implementation of effective activities, the

college has the necessary infrastructure of modern material, technical and information resources, qualified teaching staff.

At the time of the check, the number of IRPs of the college is 96 people, the indicator of the share of full-time teachers is 100%. The qualitative composition of the IRP is 59.37% (57 teachers have the highest and first qualifying category).

The college has a corresponding material and technical base: these are five-storey and four-storey educational buildings with more than 95 classrooms and 12 laboratories with 12 computer classes, a methodical classroom, an assembly hall for 304 seats, a library with a reading hall for 100 seats, a gym, a dining room 150 places, medical center, laboratory and production building with 3 workshops.

The college has 3 language laboratories, 17 classes with interactive whiteboards, 6 multimedia classrooms, as well as a robotics classroom. Computer classes are equipped with 375 computers, including the latest modification. The college is connected to the internet network, has a good base of electronic office equipment, and also has a Wi-Fi network.

All classrooms are equipped and equipped with the necessary teaching aids, visual aids, and the library is equipped with teaching, scientific and electronic literature.

The college structure includes: 4 departments with full-time and part-time forms of education and 6 departments (cyclic commissions), training, production, educational and methodical and information technology services, as well as economic activity and material and technical service.

Over the years, the college has produced ten of thousands of professionals who have found application to their professional qualities in various sectors of the manufacturing sector.

The college trains specialists in close cooperation with the main employers of the region and the region: Kyzylorda Bus Park LLP, Kyran LLP, Energoservice, NeftPromSnab LLP, Bitcom LLP, Robotics Circle of the Schoolchildren's School, School 217, School " Ordaschool ", Kindergarten of ChU " Bal-Böpe ", English Language Learning Center of " Speak English Kazakstan " L-3 №1 " named after Ұ.Мұхамеджанов ", Administrator of Kyzylorda Oblast Courts, Specialized Inter-Regional Economic Court of Kyzylorda Oblast, Police Tasbuget Office Internal affairs of Kyzylorda region, Abu-Service LLP, Kyzylorda Design LLP, Kvant LLP, KSU Kyzylorda City Archive, Sayakhat Travel Company, PetrokazakustankumResorziz JSC, Bank Center Credit JSC, Kazaly railway station of the Kyzylorda branch office of the backbone network ", MunayTechServiceOrda LLP, KazTransGazinimderi LLP, Almaty Carriage Repair Plant Branch of Passenger Car Repair, JSC, Department of Architecture and Urban Planning, Syr Zhoba LLP, Physical Culture and Health Complex "Tarlan Batyrlary" The college has a contract with more than 110 enterprises. All this allows us to build work on the preparation and distribution of graduates directly with consumers.

Employment rates reflect a positive trend, which indicates the demand for college graduates and the high quality of training. Employment of the graduation department (2017-2018 academic year) is 87% (graduation of 444 people, of which 386 are employed).

The main sources of information about the activities of the Higher College are: the official website www.kazgutk.kz.

(II) DESCRIPTION OF THE EEC VISIT

The visit of the EEC to the KHL&THC was organized in accordance with the program agreed in advance with the Chairman of the EEC and approved by the college director from November 13 to 15, 2018.

In order to coordinate the work of the EEC, an orientation meeting was held, during which powers were distributed among the commission members, the visit schedule was clarified, and agreement was reached on the choice of examination methods.

The meetings of the EEC with the target groups were held in accordance with the updated program of the visit, in compliance with the established time period. On the part of the KHL&THC team, the presence of all persons indicated in the visit program was ensured, as well as full assistance to the actions of the experts.

During the visit, in addition to working with target groups, there were interviews with students and teachers of the college in classrooms, graduates, parents and employers (Table 1). In total, 369 people took part in the meetings.

Table 1. Information about employees and students and other persons who participated in meetings with the EEC of the IAAR:

Category of participants	Number
Acting Director	1
Deputy director	5
Head of department / training part	4
Chair of the department / methodical association	6
Methodist	1
Chief Accountant	1
Human Resources Manager / Personnel Inspector	2
Teachers and Masters of Industrial Education	76
Other workers (social teacher, psychologist, responsible secretary of the selection committee, head of medical office, librarian)	5
Student	120
Graduate	36
Social partner / employers	24
Parents of students	88
Total	369

In the course of the EEC, a visual inspection of the college infrastructure was conducted: classrooms, laboratories, production workshops, computer labs, a library, a reading room, a gym, a medical center, a hostel, catering facilities, and others.

The bases of KHL&THC practices were also visited, including the following accredited programs: Kyzylorda Bus Park LLP, Kyran LLP, Bitcom LLP, Robotics Circle of the Schoolchildren's

Palace, Passenger Car Repair Plant Branch JSC "Kvant", Secondary School 217, Secondary School "Ordaschool", Administrator of the courts of the Kyzylorda region, Specialized Interdistrict Economic Court of the Kyzylorda region, LLP "OilPromSnab"

EEC members attended training sessions, including all accredited educational programs. Cabinets equipped with multimedia technology (projector, screen, speakers). In general, students actively participated in classes, i.e. performed practical tasks, answered questions, discussed. The programs are fully consistent with the lesson plan. Analysis of attendance at classes demonstrates a good quality teaching staff, a sufficient theoretical and practical level of training, but nevertheless, improvement is required in certain situations.

Experts of the EEC have studied for compliance with the standards of institutional accreditation and college documentation, including departments, departments, implementing accredited educational programs.

All conditions were created for the work of the EEC, access to all necessary information resources was organized.

As part of the planned program, the primary basic recommendations for improving the activities of the college, developed by the EEC based on the results of the examination, were presented at a meeting with the college management. The leadership of the college at the closing meeting was explained about the follow-up procedures.

The activities planned within the framework of the visit allowed the members of the EEC of the IAAR to conduct an independent assessment of the compliance of the data set out by the college self-assessment reports with the criteria for institutional accreditation standards.

A detailed analysis of the conformity of the activities of the KHL&THC with the Standards of Institutional Accreditation of the IAAR allowed the EEC as part of its college visit program to draw the following conclusions in terms of standards.

(III) REVIEW OF THE RECOMMENDATION ON IMPROVING QUALITY

Standard "Educational Program Management"

- strengthen work on the organization of the educational process, taking into account the requirements of the regulatory acts governing the TPEP system, including the training of personnel in the specialty Automation and Control;
- develop mechanisms for the formation and regular review of the EP development plan and monitoring its implementation;
- EP management to improve mechanisms for the continuous improvement of the organization's activities based on the results of the study and analysis of the needs of teachers, staff, students and employers
- improve the processes of measuring and analyzing the performance and effectiveness of college activities to assess the success of the strategy implementation.

Standard "Specificity of the educational program"

- to ensure the compliance of documentation on instructing and testing knowledge on health and safety issues;

- to ensure the systematic development, introduction and effectiveness of active teaching methods and innovative teaching methods for the EP of specialty 1302000 - Automation and Control (by profile);
- systematize the work on updating the content and analyzing the effectiveness of changes in educational programs, taking into account the interests of stakeholders;
- to strengthen the work on monitoring the satisfaction of students, managers of enterprises - places of practice and employers.

Standard "Teaching staff and the effectiveness of teaching"

- to update the plan of professional development of pedagogical and managerial staff in order to implement the mission and strategy of the development of the college, including on the issues "Innovative and / or interactive teaching methods", etc .;
- to improve the IT competence of teachers of special disciplines, including for the introduction of innovative methods of teaching and learning in practice;
- to increase the level of learning English by teachers of special disciplines for access to information published in the world of scientific and technical literature and documentation;
- to consider the possibility of increasing the share of specialists involved in the educational process for teaching special subjects and conducting guest lectures, seminars and others;
- to strengthen the work on the individual development of teachers (participation in various competitions of the republican, regional level, dissemination of experience of experienced teachers);
- to strengthen the educational and methodological work of teachers, including obtaining copyright for educational and methodological developments in the field;
- to intensify work on the organization of internships by teachers of special disciplines to enterprises in the specialty profile;
- to improve the methodological work in order to improve the quality of teaching, develop research and development activities, systematize the training activities and conduct certification of teaching staff.

Standard "Students"

- to strengthen communication with college graduates - to attract them to participate in various events and to consider the possibility of creating an Alumni Association; - to take measures to increase students' proficiency in the English language;
- to strengthen the work on regular updating of the college's web site, including on issues of technological support for students in accordance with the specifics of educational programs, academic accessibility and counseling, as well as vocational guidance of students;
- take measures to improve students' proficiency in the English language;
- consider the possibility of professional certification of students in the field of specialization;
- to strengthen the work to improve the research work of students.

Standard "Resources used in the implementation of educational programs"

- to strengthen the work on the assessment of the dynamics of development of material and technical resources in accordance with the specifics of the EP;

- continue work on technological equipment of classrooms, laboratories and workshops, including taking into account the requirements of enterprises and the labor market of the specialty 1302000 - Automation and Control (by profile);

- to continue the introduction of specialized licensed software into the educational process of the college, including the implemented educational program;

- to replenish the book fund of educational and methodical literature and manuals, as well as electronic textbooks in the state language;

- continue the replenishment of personalized interactive educational resources, as well as educational materials and tasks, for planning and implementing academic programs.

Standard Standards in the context of individual specialties "

- to dissolve the possibility of conducting individual classes or entire disciplines in an enterprise of specialization.

Assessment table "Parameter of the specialized profile"

№ п/п	Evaluation criterion	Position of the educational organization			
		Strong	Satisfactory	Suggests improvement	Unsatisfactory
Standard «Educational program Management»					
1	The TPEP organization demonstrates the development of the EP development plan, its focus on meeting the needs of the state, stakeholders and students.	+			
2	The TPEP organization should ensure the adequacy of the development plan for the available resources, the needs of the labor market and the educational policy of the Republic of Kazakhstan.	+			
3	The TPEP organization should involve representatives of groups of interested persons, including students, teaching staff and employers in the formation of the EP development plan.			+	

4	The TPEP organization demonstrates transparency of processes of formation of the development plan of OP. The Type organization ensures that stakeholders are informed about the content of the EP development plan and the processes of its formation.			+	
5	The TPEP Type organization should determine the mechanisms for the formation and regular revision of the development plan of the EP and monitoring its implementation.			+	
6	The TPEP organization systematically collects, accumulates and analyzes information on the implementation of the EP and conducts self-examination in all directions, develops and reviews the development plan of the EP	+			
7	The development plan of the EP is publicly discussed with representatives of all stakeholders, on the basis of proposals and amendments of which the authorized collegial body of the Vet organization makes changes to the project.		+		
8	The TPEP organization demonstrates the degree of implementation of the principles of sustainability, efficiency, effectiveness, priority, transparency, responsibility, delegation of authority, differentiation and independence of the financing system.	+			
9	The management of the EP should include:				
9.1	Operation management through processes		+		
9.2	planning, development and continuous improvement mechanisms		+		
9.3	monitoring, including the creation of reporting processes to determine the dynamics in the activities and implementation of plans		+		
9.4	analysis of the effectiveness of changes			+	
9.5	assessment of the performance and effectiveness of the units and their interaction»			+	
10	In the organization TPEP should be documented all major business processes guiding the implementation of EP		+		
11	The TPEP organization should demonstrate a clear definition of those responsible for business processes, an unambiguous distribution of job responsibilities of staff, the differentiation of the functions of collegial bodies involved in the implementation of the EP	+			
12	TPEP organization must demonstrate the procedure for approval, periodic review (revision) and monitoring of educational programs and documents regulating this process			+	
13	The TPEP organization should ensure the availability and effective functioning of a system of information and feedback		+		

	aimed at students, employees and stakeholders				
14	The management of the EP should demonstrate the successful functioning of the quality assurance system of the OP, including its design, management and monitoring, their improvement, decision-making based on the facts		+		
15	The management of the EP should provide evidence of transparency of the educational program management system		+		
16	TPEP organization should demonstrate the presence and evidence of intensive use in the management of the EP system of collection and analysis of statistics	+			
17	The management of the EP should ensure that the satisfaction of the needs of the teaching staff, staff and students is measured and demonstrate evidence of the deficiencies identified in the measurement process		+		
18	The management of EP has to show proofs of openness and availability for trained, pedagogical collective, parents	+			
TOTAL		7	9	6	
Standard " Specificity of the educational program»					
Evaluation criteria: the content of the EP					
19	The TPEP organization should demonstrate the presence of the developed models of the graduate of the educational program, including knowledge, skills, basic and professional competence, personal qualities		+		
20	The TPEP organization must provide evidence of the participation of the teaching staff and employers in the development of EP, ensuring their quality			+	
21	TPEP organization should determine the content, volume, logic of the relationship of academic disciplines, as well as the impact of disciplines, industrial training and professional practice on the formation of basic and professional competencies of graduates	+			
22	The management of the EP should demonstrate the presence of a professional context in the content of academic disciplines	+			
23	The leadership of the EP should demonstrate an effective balance between theoretical and practice-oriented disciplines	+			
24	The list and content of disciplines should be accessible to students. Discipline should deal exhaustively with all the issues, the problems existing in the teaching field	+			
25	The structure of the educational program should provide for various activities, the content of which should contribute to the development of basic and professional competencies of students, taking into account their personal characteristics		+		

26	An important factor is the updating of educational programs taking into account the interests of employers			+	
Evaluation criteria: individualization of OP					
27	The leadership of the EP should ensure equal opportunities for students, including regardless of the language of instruction	+			
28	The management of the EP should ensure the availability and effective functioning of the system of individual assistance and counseling students on the educational process		+		
29	The management creates conditions for effective development of EP		+		
30	The leadership of the EP should demonstrate the use of the advantages, individual characteristics, needs and cultural experience of students in the implementation of the EP		+		
31	The leadership of the EP should demonstrate individual support for students in the implementation of the EP		+		
32	The management of EP has to prove existence of system of monitoring of achievements of trained		+		
Evaluation criteria: evaluation of students ' results					
33	The management of the EP should ensure that an objective, accurate and comprehensive assessment of learning outcomes is in place and effectively functioning	+			
34	The management of the EP should ensure the objectivity of evaluation of learning outcomes and the degree of formation of basic and professional competencies of students, transparency and adequacy of tools and mechanisms for their evaluation		+		
35	The management of the EP should ensure that the procedures for assessing the level of knowledge and skills of students are consistent with the planned learning outcomes and program objectives		+		
36	The management of EP shall carry out diagnostics of knowledge, abilities and skills trained at the beginning of training on a course and studying of educational disciplines		+		
37	The processes and criteria for evaluating learning outcomes should be transparent		+		
38	The leadership of the EP should ensure the formation of students ' skills to continue learning at the following educational levels		+		
Evaluation criteria: teaching methods					
39	The leadership of the OP should ensure the systematic development, implementation and effectiveness of active teaching methods and innovative teaching methods		+		

40	In the implementation of the educational program should be monitored independent work of the student		+		
41	The management of the EP should provide an opportunity for industrial training and professional practice in the specialty / qualification of students and monitor the satisfaction of students, heads of enterprises-places of practice and employers			+	
42	The management of the EP should ensure the implementation of the results of practical achievements of teachers in the educational process			+	
TOTAL		6	14	4	
Standard " Teaching staff and effectiveness of teaching»					
43	For the implementation of educational programs, the management of the EP should attract practitioners and determine the proportion of disciplines they read			+	
44	The management of the EP should motivate the teaching staff to constantly apply innovations in the educational process		+		
45	The management of the EP should demonstrate the compliance of the staff potential of the teaching staff to the specifics of educational programs		+		
46	The TPEP organization must demonstrate the public availability of information about the teaching staff			+	
47	The management of EP should provide monitoring of activity of pedagogical collective, a systematic assessment of competence of teachers, a complex assessment of quality of teaching		+		
48	The workload of teachers should include various activities. The management of EP has to show proofs of performance by teachers of all types of the planned loading	+			
49	The leadership of the EP should provide targeted actions for the development of young teachers		+		
50	The management of the EP should demonstrate mechanisms to stimulate professional and personal development of teachers and employees		+		
51	The management of the EP should monitor the satisfaction of the teaching staff		+		
52	The management of the EP should demonstrate the it competence of the teaching staff, the use of innovative methods and forms of training		+		
53	An important factor is the participation of the teaching staff in society		+		
TOTAL		1	8	2	

Standard " Students»					
54	The management of the EP should demonstrate the policy of formation of the contingent of students of the EP and transparency of its procedures	+			
55	The management of the EP should demonstrate the policy of formation of the contingent of students of the EP and transparency of its procedures	+			
56	An important factor is the possibility of professional certification of students in the field of specialization in the learning process			+	
57	An important factor is the availability of support programs for gifted students.		+		
58	The management of the EP should make the maximum amount of effort to provide graduates with employment and maintain communication with graduates		+		
59	An important factor is the monitoring of employment and professional activities of graduates	+			
60	The leadership of the EP should actively encourage students to self-education outside the main program (in the framework of extracurricular activities)		+		
61	The leadership of the EP should provide an opportunity for learners to share and Express their views	+			
62	The management of the EP should create a mechanism for monitoring the satisfaction of students with the activities of the Vet organization as a whole and individual services in particular		+		
63	The management of the EP should demonstrate the functioning of the feedback system, including the operational presentation of information on the results of the evaluation of training results		+		
TOTAL		4	5	1	
Standard " Resources used in the implementation of educational programs»					
64	The management of the EP should ensure that students have access to the maximum possible amount of structured, organized information on the subjects taught: for example, presentation materials, lecture notes, mandatory and additional literature, practical tasks, etc.		+		
65	Educational equipment and software used for the development of educational programs should be similar to those used in the relevant industries and meet the requirements of safety in operation		+		
66	Organization of the TPEP creates a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and capabilities of		+		

	students				
67	The organization of TPEP should create conditions for the development of applied skills of students and teaching staff in the studied disciplines and the possibility of implementing these skills in competitions and competitions or in any other way in practice		+		
68	The organization of TPEP should assess the dynamics of development of material and technical resources and information support of EP		+		
69	In a TPEP organization, an EP learning environment must be created that includes:				
69.1	technological support of students and teaching staff in accordance with the specifics of the educational program		+		
69.2	academic accessibility-students have access to personalized educational resources			+	
69.3	academic advice - there are personalized educational resources that help students			+	
69.4	professional orientation-students have access to personalized educational resources that assist in choosing and achieving career paths		+		
69.5	the required number of classrooms equipped with modern technical training facilities that meet sanitary and epidemiological standards and requirements	+			
69.6	the required number of computer classes, reading rooms, multimedia and language laboratories, the number of seats in them	+			
69.7	book Fund, including the Fund of educational and methodical literature on paper and electronic media, periodicals in the context of learning languages		+		
69.8	free access to educational Internet resources		+		
70	The management of EP should determine the degree of implementation of information technologies in the educational process of EP, monitor the use and development of innovative teaching technologies by the teaching staff, including on the basis of ICT		+		
71	Manual EP should demonstrate reflection on the web-site information characterizing EP			+	
TOTAL		2	10	3	
«Standards in the context of individual specialties»					

Education					
72	Educational programs in the direction of "Education", such as "pre-School education and training", " organization of educational work (by levels)", "Primary education", etc. must meet the following requirements:				
72.1	The leadership of the EP should demonstrate that graduates of the program have practice-oriented knowledge in the field of psychology and skills in communication, analysis of personality and behavior, methods of conflict prevention and resolution, motivation of students				
72.2	The management of the EP should demonstrate the literacy of graduates of the program in the field of information technology that meets the requirements of the educational sphere, the widespread use of information and communication technologies in educational institutions				
72.3	The management of the EP should demonstrate the presence in the program of disciplines that teach the organization of the educational process, innovative methods of teaching and planning of training, including interactive teaching methods				
72.4	EP leadership must demonstrate the availability of students ' skills formation-learning skills				
72.5	EP leadership must demonstrate that it has a clear, reasoned analysis of the facts and an idea of what qualifications (qualifications) and skills within individual professions are in demand in the market, what is the approximate number of professionals required in the market for the taught courses and to provide examples of successful employment of the greater part of graduates with a degree (qualification) in the first six months after completion of training				
Social Sciences, services, Economics, business and law					
73	Educational programs in the areas of "Service, Economics and management" and "Law", such as "law Enforcement", "Patenting", " Translation (by type)", " Tourism (by industry)", "catering", "Social work", " Marketing (by industry)", " Finance (by industry)", etc. must meet the following requirements: the leadership of the EP should guarantee access to the most modern and relevant data (statistics, news, scientific results) in the field of specialization in paper (Newspapers, statistical data collections, textbooks) and electronic media				
74	EP in the areas of "Social Sciences, Economics and business" and "Law" must also meet the following requirements:				
74.1	the goals and results of the EP should be aimed at obtaining students specific skills in demand in the labor market				
74.2	the leadership of the EP should demonstrate that the graduates of the program have these skills and that these skills are really in				

	demand in the market				
74.3	The EP should include a significant number of disciplines and activities aimed at obtaining practical experience in the application of theoretical knowledge, as industrial practice, training in enterprises, participation in lectures and master classes of practitioners, etc.				

Physical and technical Sciences

75	Educational programs in technical areas, such as "metallurgy and engineering", "Communications, telecommunications and information technology", " Production, installation, operation and repair (by industry)", "Communications, telecommunications and information technology", etc. must meet the following requirements:				
75.1	In order to familiarize students with the professional environment and relevant issues in the field of specialization, as well as to acquire skills on the basis of theoretical training, the education program should include disciplines and activities aimed at obtaining practical experience and skills in the specialty in General and core disciplines in particular, including:				
75.1.1	excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, etc.)		+		
75.1.2	conducting individual classes or entire disciplines in the enterprise specialization			+	
75.1.3	the use of workshops for practical training, solving practical problems relevant to enterprises in the field of specialization, etc.	+			
75.2	The teaching staff involved in the EP should include practitioners with experience in enterprises in the field of OP specialization.			+	
TOTAL		1	1	2	
TOTAL IN GENERAL		21	47	18	