



«АККРЕДИТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

The results of the external expert committee to evaluate the
for compliance with the requirements of the specialized accreditation of educational
programs of standards

SPECIALTY: 1508000 "Forestry, Gardening and Landscaping (by type)"

SPECIALTY: 0518000 "Accounting and Auditing"

SPECIALTY: 1509000 "Ecology and Environmental Protection"

MSPE "Pavlodar Technological College"

from 01 to 03 in March 2018

Pavlodar 2018

*An Independent Agency of Accreditation and Rankings
External Expert Committee*

*Addressed to
Accreditation
Board Naaru*



Независимое агентство
аккредитации и рейтинга

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CONTENTS

PRESENTATION OF EDUCATION	3
REVIEW OF RECOMMENDATIONS TO IMPROVE THE QUALITY	8
Appendix 1. Scorecard "PARAMETERS BY PROFILE"	9



PRESENTATION OF EDUCATION

MSPE "Pavlodar College of Technology" carries out its educational activities based on the license number 0024624 from 6.03.2009, in the framework of the National Education System in accordance with the legislation of the Republic of Kazakhstan (RK). Pavlodar College of Technology formed June 1, 1971 by following the reorganization of educational institutions:

Pavlodar Veterinary College June 1, 1971 transformed in Pavlodar Accounting and Economics College; June 22, 1989 on the basis of the Polytechnic and the registration-economic technical school created Pavlodar agriculture college June 3, 1997; Pavlodar agriculture college converted to Pavlodar College of Technology on December 1, 2008 and renamed as the State-owned public utility "Pavlodar College of Technology" Department of Education of Pavlodar region, Pavlodar region.

MSPE "Pavlodar College of Technology" Department of Education of Pavlodar region is one of the leading educational institutions of technical and vocational education of the Republic of Kazakhstan. The college provides high quality of the provision of educational services, introducing new learning technologies.

Since 2002, the head of the Pavlodar technological college is Kapenov Kabyllak Kabdyl-Manapovich, on his initiative, new skills demanded by the labor market, creation of new laboratories and workshops, improved living conditions in the hostel were discovered in college classrooms equipped with modern facilities.

International co-operation is one of the leading trends in the activities of the institution. Within the framework of the VII International forum "Professional education and business: dialogue of partners" November 25, 2015 summed up the results of the project of cooperation with the Norwegian Center for exchange and professional training and education. Rogland County from 2010 to 2013 in the specialty "Technology and organization of production of the enterprises power." The delegation of the Norwegian Embassy headed by Ambassador Mr. Ole Johan Byrne and Howard Sevaraydom Khel, head of the company "ProjectAssistance" visited Pavlodar College of Technology.

International cooperation agreement between the MSPE "Pavlodar College of Technology" and MSPE "Omsk regional versatile college" was signed in 2016 in the field of training, exchange of experience.

In 2016 it signed a Memorandum of Understanding on strategic cooperation with Pochuev "Co-operative College Barnaul" of Altay kraypotrebsoyuzu.

Also, the contract was concluded in 2015 on the understanding, strategic cooperation in the field of lifelong learning college students InEU organization within the framework of regional innovation and educational consortium "Corporate University Open."

Within the framework of mutual cooperation signed 3-h.storonnie Memoranda of Understanding and Strategic Cooperation between the MSPE "Pavlodar College of Technology", the Chamber of Entrepreneurs of Pavlodar region, LLP "Company Petrochem LTD" cafe "Winter Cherry", SC "Irtysh", a restaurant S- club, "Metropol" restaurant, restaurant "Tamasha" for a period of 5 years.

In 2015, the Memorandum of Understanding on Strategic Partnership between the college, the Chamber of Entrepreneurs and JSC "Sut".

In 2014, between the College and the Chamber of Entrepreneurs of Pavlodar region signed a 2-sided cooperation agreement held joint round tables with employers and seminars are part of this agreement.

In order to develop social partnerships, the training of qualified specialists in the college established an Advisory Board (Order No.143-od from 26.10.2017 city). The Advisory Council is composed of senior specialists of LLP "Company Petrochem LTD" and representatives of the college.

Within the framework of continuous education "school - college - enterprise" in 2015 it was awarded 3-way EME Memorandum of Cooperation between the secondary school no. 28 - college – LLP “Company Petrochem LTD”

Planning the core business in college is carried out in accordance with the strategic development program of an educational institution for the period from 2016 to 2019 and continue until 2021. For the normal functioning of all the college services developed regulatory documents, which are presented by the Collective Agreement, the job descriptions of employees.

To improve the quality of the educational process and increase of pedagogical skill teaching, methodical councils work in a planned way with the section of class teachers, four cyclic methodical commissions. Their work allows you to respond flexibly and efficiently to meet the demands and needs of teachers, students and their parents.

2016 school year, the college became a venue for the annual regional scientific-practical conference on the Chemistry, Biology and Ecology. In 2009, the college won a prize in the regional competition, in the category "Best methodical service" in 2013. 2nd in the regional competition in the nomination "The best site in the state language." Teacher of social sciences Bulumbaev Ardak Kairbergenovich is the Cup "Leader-Teacher 2016", awarded a diploma. For the preparation of champions and winners of the Winter World Universiade-2016 Anna Shevchenko Akkimat Pavlodar he handed the teacher of physical culture Khismatullin Ramil Abdrahmanovich certificate in the amount of 500 thousand tenge.

College graduates successfully build a professional career in various fields of food industry, the economy and business.

Among them are large employers area: Farm "Daneker" - Abishev Kairat SP "Schrader" - Schrader Andrew Schrader Danil, brand-chef Pirogov Valeriy, Kairova Akbota - winner of the Republican prize "Best Teacher 2012", is now the head of the hotel complex "Duman", Astana. College graduates continue their careers as teachers already in the schools of Pavlodar: Aldabergenova Almagul - college teacher of special disciplines of InEU Kymbat Suleimenov - a teacher of technological college Gabdullina Madina - Teacher Technology College.

Also, among the graduates - Zeynts Andrew - Kazakhstan champion, the winner and winner of international competitions (cycling), a member of the Summer Olympic Games 2016; Meretukova Valeriya- medalist of the Asian Cup, a multiple champion of the Republic of Kazakhstan; Ivanov Ilya- Master of Sports, world champion in 2016, weight-lifting, champion of the Republic of Kazakhstan; Chichkova Julia-Master of Sports, a multiple champion of Kazakhstan in ski racing; Sviridov Lyudmila - the master of sports, the absolute champion of student Winter Universiade Republic of Kazakhstan; Yachkova Tatyana- master of sports, winner of the Winter Universiade RK Kazakh; Cheremisina Tatiana - RK medalist in Nordic combined event and athletics; Pogrebnyak Edward - master of sports of volleyball, champion and winner of the Republic of Kazakhstan, Premier League player.

The main contingent of students are graduates of schools of Pavlodar, East Kazakhstan, Kyzylorda, South Kazakhstan and Zhambyl regions.

Most students - etomolodezh typical age of 15-22 years old, graduates of 9 and 11 classes with basic and secondary education. Analysis of the social status of the families showing their ambiguity as have children from poor, large families and single-parent families, orphans and children left without parental care. Regionally, there are children from rural areas, single-industry towns, regional centers and cities of regional importance. One of the main point is when choosing a college for these students is the presence of the hostel.

College is focusing on the organized work of the program "El Mangilik - Serpin-2050." Annually, there are departures of members of the administration and teachers in South Kazakhstan, Kyzylorda, Almaty and Zhambyl region.

Training is conducted on internal and correspondence form - under the state order and on a contractual basis. The correspondence department students are accepted only on a contractual basis.

The total contingent of students 2017-2018 academic year is 596 people. Of them, full-time students - 433 people, include at the expense of the local budget - 425 people on a contract basis - 8 people.

Total enrolled 166 people of the total number of students, that is 38.3% in the state language.

In college, staffed with 19 training groups and the average number of which amounts to 23 people.

Training sessions are conducted according to the approved schedule, which allows to sensibly combine all kinds of time limit and extracurricular activities, educational, technological and production (pre-diploma) practice. In accordance with the Model Regulations of the organizations of technical and vocational education, approved by the government of the Republic of Kazakhstan dated May 17, 2013 no.499 in college are 2 compartments, 1 of them - full-time education.

Table 1 Description of accredited educational programs

№ p / p	Code and name of the specialty	Form of conductin g training	Language learning
1	1224000 "Production of dairy products" 1224073 "Technician" 1224052 "Master of whole milk and dairy products"	Full-time	Kazakh Russian
2	1226000 "Technology and organization of production of food production enterprises" 1226043 "Technician"	Full-time, correspon dence	Kazakh Russian
3	1412000 "Production of building components and structures" 1412103 "Master of the manufacture and assembly of plastic products"	Full-time	Russian
4	0814000 "Technology polymer production" 0814123 "Technician"	Full-time	Russian
5	1509000 "Ecology and environmental activities (by type)" 1509013 "Inspector on the Protection and Use of Mineral Resources"	Full-time	Kazakh
6	0518000 "Accounting and Auditing" (by industry) 0518033 "Economist-accountant"	Correspon dence	Russian
7	1508000 "Forestry, gardening and landscape construction" 1508043 "Forest Master"	Correspon dence	Russian

The financial condition of the college is stable. Payables to suppliers, payroll, taxes are not available.

Today the college has a perfect material and technical base and equipment of educational process, allowing to conduct training sessions in the light of current requirements. In college, a great importance is given to the computerization which is created for computer classes. And are used in the classrooms for the current intermediate and final control of students' knowledge and research.

The college actively introducing information and communication, interactive and innovative technology through their college website. A general database of students and all college documentation is available for the management staff. Personal computers and computer classrooms are connected to the Internet.

Surveillance location nearby college installed a video surveillance system. Consist of high-quality 2 megapixel analog cameras. For safety reasons, surveillance cameras are also installed in the dormitory, in the hallways and the lobby areas.

There is a centralized system of sound notification on four floors of the academic building, one in the dormitory floor.

In 2012, the college passed the state certification.

Qualitative composition of teachers

Category teacher	Amount
The highest category	17
The first category	4
Second	18
Uncategorized	13

The quality of the teaching staff (the highest and the first category) - 41%.

The contingent of students on educational programs is formed by groups. Training is conducted full-time in Russian language, in the state by Russian correspondence. Occupancy of academic groups formed in accordance with the Standard Rules for the activities of organizations of technical and vocational education approved by the government of the Republic of Kazakhstan from May 17, 2013 No. 499.

Contingent

1224000 "Production of Dairy Products"			
	2016	2017	2018
Full-time	44	48	49
By correspondence	-	-	-
Total college	44	48	49
1226000 "Technology and Organization of Production of Food Production enterprises"			
Full-time	183	233	213
By correspondence	63	54	42
Total college	246	287	255
1412000 "Production of Building Components and Structures"			
Full-time	17	42	17
By correspondence	-	-	-
Total college	17	42	17
0814000 "Technology Polymer Production"			
Full-time	74	74	84
By correspondence	-	-	-
Total college	74	74	84
1509000 "Ecology and Environmental Activities (by type)"			
Full-time	23	20	25
By correspondence	-	-	-
Total college	23	20	25
0518000 "Accounting and Auditing" (by industry)			
Full-time	-	-	-
By correspondence	28	18	23
Total college	28	18	23
1508000 "Forestry, Gardening and Landscape Construction"			
Full-time	-	-	-
By correspondence	23	36	98
Total college	23	36	98

Employment of college graduates is 87%, 100% employment.

REVIEW OF RECOMMENDATIONS TO IMPROVE QUALITY

WEC list of recommendations for all standards related to performance criteria

5.1. Standard "Management of the educational program":

- To include in the discussion of working curricula and training programs in the work methodical council.
- Consider the introduction of a quality management system to improve the quality of procedures (rules) in accordance with the strategic plan of the college.

5.2. Standard "The specifics of the educational program":

- For a more complete study of switching processes in digital networks retrofit installed in the laboratory DRX-4 station subscription fee.
- Increase the number of the course and diploma projects in accordance with modern requirements.
- To improve the model of graduate education programs based on competencies, as close as possible to the conditions of their future professional activity.
- Continue implementation in the educational process of college specialized licensed software for educational programs.

5.3. Standard "Teaching staff and teaching effectiveness":

- To provide training opportunities and training for teachers in the specialty 1509000 "Ecology and environmental activities" 1508000 "Forestry, gardening and landscape construction (by type)" and 0518000 "Accounting and Auditing" at the base enterprises.
- To continue work to improve mechanism to stimulate personal and professional development of teachers and employees.
- To continue work on mentoring young teachers of special subjects.

5.4 "Students" standard:

- Strengthen the role of student activists in college and participate in the Pedagogical Council.
- Continue work to upgrade the site by introducing the section "Our achievements", "Graduates of our pride" and others.

5.5 Standard "Resources used in the implementation of educational programs":

- To replenish the library fund for accredited special electronic teaching medodicheskimi complexes.
- Providing library and reading room for students to access electronic teaching aids, teachers of special disciplines.

5.6 Standard "Standards in the context of individual specialties":

- OP management to create conditions to attract practitioners with experience in enterprises in the OP.
- Provide for the possibility of conducting master classes by employers in the field of specialization.

Appendix 1. Scorecard
"PARAMETERS BY PROFILE"

(Signed by all members of the WEC)

№ p / p	Criteria for evaluation	The position of the organization of education			
		Strong	Satisfactory	It involves improving	Nneudovletvoritelnaya
Standard "Management of the Educational Program"					
1	The organization VET demonstrates the development plan for The development OP, its focus on meeting the needs of government, stakeholders and students.	+			
2	The organization shall ensure the adequacy of TVE development plan OP available resources, labor market needs and the education policy of Kazakhstan.	+			
3	Organization of TVE should involve representatives of stakeholder groups, including students, teaching staff and employers in the formation of OP Development Plan.		+		
4	The organization VET demonstrates the transparency of formation OP Development Plan. Organization of TVE provides awareness of stakeholders on the content of the plan of OP and the process of its formation.		+		
5	Organization of TVE must determine the mechanisms of formation and regular review of the development plan for OP and monitoring its implementation.		+		
6	Organization TVE systematically collects, stores and analyzes information on the implementation of the OP, and carries out self-examination in all directions, developing and revising the development plan OP.		+		
7	Subdivision development plan passes public discussion with representatives of all interested parties, on the basis of proposals and amendments which authorized collegial body organization TVE makes changes to the project.		+		
8	The organization VET demonstrates the extent to which principles of sustainability, effectiveness, efficiency, prioritization, transparency, accountability, delegation of authority, separation and independence of the system of financing.			+	

9	OP management should include:				
9.1	Performance management through processes.		+		
9.2	Planning mechanisms, development and continuous improvement.		+		
9.3	Monitoring, including the creation of reporting processes to determine the dynamics in the activities and implementation plans.	+			
9.4	Analysis of the effectiveness of changes.		+		
9.5	Assess the performance and efficiency of the units and their interaction.		+		
10	The organization TVE all core business processes that govern the implementation of OP should be documented.		+		
11	Organization of TVE must demonstrate a clear definition of those responsible for the business processes, unambiguous allocation of duties of personnel, the distinction of collegiate bodies of functions involved in the implementation of OP.		+		
12	Organization of TVE must demonstrate the procedure for approval, periodic review (review) and monitoring of educational programs and documents regulating this process.		+		
13	The organization must ensure that TVE and efficient operation focused on students, staff and stakeholders awareness and feedback system.		+		
14	Manual OP must demonstrate the successful operation of the quality assurance system OP, including its design, management and monitoring of their improvement, adoption of evidence-based solutions.		+		
15	Manual OP must provide evidence of the transparency of the curriculum management system.	+			
16	Organization of TVE must demonstrate the existence and evidence of heavy use in the OP statistics collection and analysis of management processes.			+	
17	Manual OP should provide a measure of the degree of satisfaction of the teaching staff needs, staff and students, and demonstrate evidence of deficiencies detected in the framework of the measurement process.		+		
18	Manual OP must show proof of openness and accessibility for students, teaching staff, parents.	+			
TOTAL		5	15	2	
Standard "The Specifics of the Educational Program"					
Evaluation criteria: The Content of OP					
19	Organization of TVE must demonstrate to developed an educational program graduate models, including knowledge, skills, basic and professional competence and personal qualities.	+			
20	Organization of TVE must provide evidence of the participation of the teaching staff and employers in the development OP, providing them with quality.		+		

21	Organization of TVE must define the content, scope, logic disciplines relationship, as well as the impact of disciplines, industrial training and professional practice in the formation of basic and professional competencies of graduates.	+			
22	Manual OP must demonstrate the content of academic disciplines professional context.	+			
23	Manual OP must demonstrate the existence of an effective balance between the theoretical and practice-oriented disciplines.		+		
24	The list and the content subjects are accessible to the students. Discipline should comprehensively cover all the issues, the problems existing in the region taught.		+		
25	The structure of the educational program should provide a variety of activities, the contents that should contribute to the development of basic and professional competencies of the students based on their personal characteristics.	+			
26	An important factor is the renewability of educational programs taking into account the interests of employers.			+	
Evaluation criteria: Individualization OP					
27	Manual OP should ensure equal opportunities to students, including regardless of the language of instruction.			+	
28	Manual OP should ensure the existence and effective functioning of the individual support systems and counseling students on the educational process.		+		
29	Leadership creates the conditions for effective development of OP.	+			
30	Manual OP should demonstrate the use of the advantages of individual characteristics, needs and cultural experience of students in the implementation of OP.		+		
31	Manual OP must demonstrate individual support to students in the implementation of OP.		+		
32	Manual OP must prove the existence of the system of monitoring students achievements.		+		
Evaluation criteria: Assessment of Students					
33	Manual OP should ensure the existence and effective functioning of the mechanism of objective, accurate and comprehensive assessment of learning outcomes.		+		
34	Manual OP should provide an objective assessment of learning outcomes and degree of development of basic and professional competencies of the students, transparency and adequacy of tools and evaluation mechanisms.		+		
35	Manual OP should ensure the procedures for assessing the level of knowledge and skills of students planned learning outcomes and program objectives.		+		
36	Manual OP must diagnose the knowledge and skills of students at the beginning of the training course and study disciplines.			+	
37	Processes and criteria for assessment of learning outcomes should be transparent.	+			

38	Manual OP should ensure the formation of students' skills to continue learning on the following educational levels.		+		
Evaluation criteria: Methods of Teaching					
39	Manual OP should ensure systematic development, implementation and effectiveness of active learning methods and innovative methods of teaching.		+		
40	When implementing an educational program it should be monitored independent work of the student.			+	
41	Manual OP must allow passage of vocational training and professional practice in the specialty / qualification learners and monitor the satisfaction of students, heads of the enterprises - the practice places and employers.			+	
42	Manual OP should ensure the implementation of the results of practical achievements of teachers in the educational process.			+	
TOTAL		7	14	3	
Standard "Teaching Staff and Teaching Effectiveness"					
43	For educational programs OP management must involve practitioners and determine the proportion of subjects read them.				+
44	Manual OP should motivate teaching staff constantly to innovate in the educational process.			+	
45	Manual OP must demonstrate compliance with the human resource capacity of the teaching staff specifics of educational programs.		+		
46	Organization of TVE must demonstrate access to the public information about the teaching staff.			+	
47	Manual OP should ensure that monitoring of activities of the teaching staff, a systematic assessment of the competence of teachers, a comprehensive assessment of the quality of teaching.		+		
48	Teachers working load must include a variety of activities. Manual OP must show proof of performance by teachers of all types of planned load.			+	
49	Manual OP should ensure that concerted action on the development of young teachers.			+	
50	Manual OP must demonstrate mechanisms to promote personal and professional development of teachers and employees.			+	
51	Manual OP should ensure the monitoring of the teaching staff satisfaction.			+	
52	Manual OP must demonstrate IT competence of the teaching staff, the use of innovative methods and forms of education.			+	
53	An important factor is the participation of the teaching staff in public life.		+		
TOTAL		4	6	1	

"Students' Standard					
54	Manual OP must demonstrate a policy of formation of a contingent of students OP and transparency of its procedures.	+			
55	Manual OP should demonstrate awareness of the major roles (professional, social) students based on learning outcomes.	+			
56	An important factor is the ability of students for professional certification in the field of specialization in the teaching process.		+		
57	An important factor is the availability of support programs for gifted students.			+	
58	Manual OP should make the maximum amount of effort to ensure the employability of graduates and liaison with alumni.			+	
59	The important factor is to monitor the employment and professional activity of graduates.		+		
60	Manual OP should actively encourage students to self-education is the main program (within the framework of extra-curricular activities).	+			
61	Manual OP should enable students to exchange and express.		+		
62	Manual OD should create a mechanism for monitoring students' satisfaction activities of the organization as a whole TVE and private services in particular.		+		
63	Manual OP shall demonstrate the operation of the feedback system, including promptly providing information about the results of assessment of learning outcomes.		+		
TOTAL		3	5	2	
Standard "The Resources Ued in the Implementation of Educational Programs"					
64	Manual OP must provide access to maximum possible number of enrolled structured organized information Subjects: for example, presentation materials, lecture notes, required and optional literature practical tasks, etc.		+		
65	Training equipment and software used for the development of educational programs should be similar to those used in the relevant sectors and meet the requirements of operational safety.		+		
66	Organization TVE creates a learning environment, and contributes to the formation of basic professional competences and taking into account the individual needs and possibilities of students.		+		
67	Organization of VET is to create conditions for the development of applied skills of students and teaching staff of the studied subjects and the ability to implement these skills as part of contests and competitions, or in any other way in practice.			+	
68	Organization of TVE must assess the dynamics of the development of material and technical resources and information support of OP.		+		

69	The organization VET OP learning environment should be created, which includes:				
69.1	Technological support for students and teaching staff in accordance with the specific educational program	+			
69.2	Academic availability - students have access to a personalized educational resources		+		
69.3	Academic advising - has personalized educational resources that help students		+		
69.4	Vocational guidance - students have access to personalized educational resources, assisting in the selection and achievement of career paths		+		
69.5	The required number of classrooms equipped with modern technical facilities that meet sanitary-epidemiological norms 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 fund of educational and instructional materials in print and electronic media, periodicals, in the context of learning languages			+	
69.8	Free access to educational Internet resources	+			
70	Manual OP should determine the degree of implementation of information technologies in educational process OP, to monitor the use and development of the teaching staff of innovative teaching technologies, including ICT-based.		+		
71	Manual OP must demonstrate reflection on a web resource of information that characterizes OD.		+		
TOTAL		3	10	2	
"Standards Sectional Individual Specialties"					
Education					
72	Educational programs in the direction of education such as "Preschool education and training", "Organization of educational work (on levels)", "Primary education", etc. You must meet the following requirements:				
72.1	Manual OP must demonstrate that graduates of the program of practice-oriented knowledge in the field of psychology and communications skills, personality and behavior analysis, methods of prevention and conflict resolution, motivation of students				
72.2	Manual OP must demonstrate competence of graduates in the field of information technology programs that meet the requirements of the educational sphere, the widespread use of information and communication technologies in educational institutions				
72.3	Manual OP must demonstrate the existence of the program disciplines, teaching organization of the educational process, innovative methods of teaching and learning plan, including interactive teaching methods				

72.4	Manual OP must demonstrate the availability of skills in students learning skills formation				
72.5	Manual OP must demonstrate that it has a clear, reasoned analysis of the facts and an idea of what specialty (qualification) and skills within individual specialties in demand in the market, what is the approximate number of specialists required by the market on teaching profession and provide examples of successful employment mostly graduates in the specialty (qualification) in the first six months after graduation				
Social Sciences, Services, Economics, Business and Law					
73	Educational programs in areas of "Service, Economy and Management" and "right", such as "Law Enforcement", "Patenting", "Translation Studies (by type)", "Tourism (by industry)", "Catering", "social work", "Marketing (on branches)", "Finance (on branches)", etc. must meet the following requirements: a guide OP should guarantee access of students to the most current and relevant data (statistics, news, research results) in the area of specialization in the paper (newspapers, collections of statistics textbooks) and electronic media.		+		
74	OP in areas of "social sciences, economics and business" and "right" should also meet the following requirements:				
74.1	Objectives and results of OP should be directed to studying the specific skills that are in demand in the labor market	+			
74.2	OP management must demonstrate that graduates of the program have these skills and that these skills are really in demand in the market		+		
74.3	OP should include a substantial number of disciplines and events aimed at getting trainees practical experience in applying theoretical knowledge, as a production practice, the passage of enterprise learning, participate in lectures and master classes of practitioners, etc.		+		
Natural and Technical Science					
75	Training on technical areas of the program, such as "Metallurgy and Mechanical Engineering", "Communication, Telecommunications and Information Technologies", "Manufacture, installation, maintenance and repair (by industry)", "Communication, Telecommunications and Information Technologies", etc. . You must meet the following requirements:				
75.1	In order to familiarize students with the professional environment and current issues in the field of specialization, as well as for the acquisition of skills through theoretical training education program should include subjects and activities aimed at obtaining practical experience and skills for the whole profession and majors in particular t .ch				
75.1 .1	Excursions to the enterprises in the area of specialization (factories, workshops, research institutes, laboratories, etc.)	+			

75.1 .2	Conducting individual lessons or complete courses on specialization enterprise			+	
75.1 .3	The use of workshops for practical training, solving practical problems of relevance to companies in the field of specialization, etc.			+	
75.2	Teaching staff involved in the OP should include practitioners with experience in enterprises in the field of specialization OP			+	
Art					
76	Educational programs in the direction of "Art and Culture", such as "Social and cultural activities and folk art creativity (the profile)," "Instrumental Performance and musical variety art (by type)," "Painting, sculpture and graphics (by type) "" music Theory ", etc., must meet the following requirements.				
76.1	Manual OP must demonstrate that graduates of the program of theoretical knowledge in the field of arts, practical skills of self-expression through art, such as sculpture, drawing, singing, etc.				
76.2	Manual OP must show students' self-learning and self-development skills, ability to work in the field of art				
76.3	OP should include the maximum possible number of disciplines and events, in which the skills are taught to students individually or in small groups, for example, conduct master classes honored area of specialization				
76.4	Manual OP should arrange for students the greatest possible number of activities that contribute to the demonstration by students, acquired creative skills, such as concerts and exhibitions				
76.5	OP should enrich the creative experience in different kinds of practices, inherent specialty				
76.6	In order to familiarize students with the professional environment and current issues in the field of specialization, as well as for the acquisition of skills through theoretical training OP should include subjects and activities aimed at obtaining practical experience and skills for the whole profession and majors in particular, in Vol. H.:				
76.6 .1	Excursions to the enterprises in the area of specialization (museums, theaters, design offices, etc.)				
76.6 .2	Conducting individual lessons or complete courses on specialization enterprise				
76.6 .3	Seminars for solving practical problems of relevance to companies in the field of specialization, etc.				
76.7	An important factor in the framework of the OP is the presence of a peer review mechanism examination of creative works of students.				
TOTAL		2	5	1	
TOTAL IN TOTAL		24	55	11	

