



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
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 commission for evaluation to compliance with the requirements of the standards of specialized accreditation of educational programs

1304000 «Computers and software» (by types); Qualification 1304043 "Technician-programmer"

1306000 «Radioelectronics and communications» (by types); Qualification 1306093 "Communications Technician"

SME "HIGHER COLLEGE, Shchuchinsk"
from "14" to "16" in March 2010.

Shchuchinsk 2018

INDEPENDENT AGENCY OF ACCREDITATION AND RATING
External expert commission

***Addressed to
the Accreditation Board
of IAAR***



Независимое агентство
аккредитации и рейтинга

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LIST OF SYMBOLS AND ABBREVIATIONS

EEC- External expert commission;
SCSE - State compulsory standard of education;
SPE - State public enterprise;
ICT - Information and communication technologies;
MES - Ministry of Education and Science;
IAAR - Independent agency on accreditation and rating;
EP - Educational program;
TS – Teaching staff;
RK - Republic of Kazakhstan;
WS - Working curriculum;
MM – Mass- media;
LLP - limited liability partnership;
TVE - Technical and vocational education;
SC - Standard curriculum;
HC tSh- Higher College of town of Shchuchinsk;
ALPTQ – Appreciation of the level of professional training and qualification
ACS - Automated Control System
LBC - Library and Bibliographic Classification
HEI - Higher educational institution
IATRSES- Institute for Advanced Training and Retraining of the staff in the Education System
CYA - Committee for Youth Affairs
MA - Methodical association
RSE - Republican State Enterprise
TVPSE - Technical and vocational, post-secondary education
EMC - Educational-methodical complex
EMODE - Educational-methodical office of the department of education
WC - Working curriculum
OI – Official instructions
RD - Regulation on the division
PC - Pedagogical Council
HTS - Higher Technical School
AMA - Administrative and management apparatus
IEP - Integrated educational program
EW - Educational work

6.1. Standard "Management of the educational program"

The Commission recommends:

- to improve the model of the graduate of educational programs taking into account the competencies, as close as possible to the conditions of their future professional activity;
1 - requiring improvement.

• - continue to work on improving the quality of procedures (rules) in the current quality management system in accordance with the strategic plan for the development of the college;

EEC notes that the specialized profile of the college according to this standard contains 7 - strong, 14 - satisfactory, 1 - requiring improvement

6.2. Standard "Specific character of the educational program"

The Commission recommends:

- - to improve the model of the graduate of educational programs taking into account the competencies, as close as possible to the conditions of their future professional activity;

- - to strengthen the work on the organization of the educational process, taking into account the requirements of regulatory legal acts regulating the system of TVE;

- - systematize the work on updating the content and analyzing the effectiveness of changes in educational programs, taking into account the interests of stakeholders.

- EEC notes that the specialized profile of the college in this standard contains 16 strong positions, 7 - satisfactory and 1 position requires improvement.

6.3. Standard "Pedagogical collective and teaching effectiveness"

The Commission recommends:

- to update the plan for the improvement of the qualifications of the pedagogical and management staff in order to implement the mission and the development strategy of the college, including on such issues as "Modular Training", "Innovative Educational Technologies and Interactive Teaching Methods";

- to Improve the IT competence of teachers, including for the introduction of innovative teaching and learning methods into practice;

- to improve the level of English language teaching 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 practitioners involved in the teaching process for teaching special disciplines or practices and conducting guest lectures, seminars, and others;

- to consider the possibility of expanding the zone of international cooperation in the field of TVE, including on the academic mobility of teachers and the development of educational programs.

- to strengthen the work of mechanisms to stimulate professional and personal development of teachers, including for early evaluation;

- to review the distribution of the teaching load of teachers and masters of industrial training in accordance with regulatory legal documents;

- to ensure the systematic implementation and evaluation of the effectiveness of active teaching methods and innovative teaching methods.

EEC notes that the specialized profile of the college in this standard contains 7 strong positions, 4 - satisfactory.

6.4. Standard "Learner"

The Commission recommends:

- take measures to improve the knowledge of English by the students;
 - Develop a program to support graduates, their subsequent professional development;
 - improve the model of the graduate of educational programs taking into account the competencies, as close as possible to the conditions of their future professional activity.
- EEC notes that the specialized profile of the college in this standard contains 4 strong positions, 6 - satisfactory.

6.5. The standard "Resources used in the implementation of educational programs"

The Commission recommends:

- to continue the introduction of specialized licensed software into the educational process of the college, including the educational programs implemented by the college;
- to intensify the work on regular updating of the college web-site, including on the issues of technological support of students and teaching staff in accordance with the specifics of educational programs, academic accessibility and consultations, as well as vocational guidance of students;
- to replenish the book fund with educational and methodological literature and manuals, as well as electronic textbooks in the state language;
- continue work on modern technological equipment of laboratories, training ranges, workshops taking into account the requirements of production and compliance with the condition of safety engineering;

Conclusions of the EEC on the criteria:

EEC notes that the specialized profile of the college on this standard contains 4 strong positions, 8 - satisfactory, 3 - requiring improvement.

6.6. Standard "Standards in the context of individual specialties"

The Commission recommends:

- to intensify the work on conducting excursions to enterprises in the field of specialization;
- the management of the EP to create conditions for attracting practitioners with experience working at enterprises in the field of EP;
- to systematize the development and coordination of the themes of diploma and course projects as real diploma projects;
- review the system of evaluation of students of this specialty, i.e. to consider the possibility of assessing for a certain period of independent research work or assignments;
- systematize the conduct of individual classes or entire disciplines at the enterprise of specialization.

EEC notes that the specialized profile of the college in this standard contains 1 strong position, 3 - satisfactory, 1 - requiring improvement.

Appendix 1. Scoreboard for specialized accreditation

The conclusion of the commission on specialized accreditation 1304000 - "Computer equipment and software (by types)", qualification: 130404 3 - "Technician-programmer", 1306000 - "Radio electronics and communications (by types)", qualification: 130609 3 - "Communications Technician" SME "Higher College of town of Shchuchinsk"

№ п/п	Criteria for evaluation	Position of the organization of education			
		Strong	Satisfactory	Assumes improvement	Unsatisfactory
Standard "Management of the educational program"					
1	The organization of the TVE demonstrates the development of the EP development plan, its focus on meeting the needs of the state, stakeholders and trainees.		+		
2	The organization of TVE should ensure the adequacy of the development plan for the EP to the available resources, the needs of the labor market and the educational policy of the Republic of Kazakhstan.		+		
3	The organization of TVE should involve representatives of stakeholder groups, including trainees, teachers and employers, in the development of an EP development plan.			+	
4	The organization of the TVE demonstrates the transparency of the processes of forming the development plan for the EP. The organization of TVE ensures the awareness of stakeholders about the content of the development plan for the EP and the processes of its formation.		+		
5	The organization of the TVE should determine the mechanisms for the formation and regular revision of the development plan for the EP and for monitoring its implementation.		+		
6	The organization of the TVE systematically collects, accumulates and analyzes information on the implementation of the EP and conducts self-examination in all directions, develops and revises the plan for the development of the EP		+		

7	The EP development plan is held in public discussion with representatives of all interested parties, on the basis of proposals and amendments, the authorized collegial body of the TVE organization is making changes to the draft.		+		
8	The organization of TVE demonstrates the degree of implementation of the principles of sustainability, efficiency, effectiveness, priority, transparency, responsibility, delegation of authority, delineation and independence of the financing system.		+		
9	The management of the EP should include:				
9.1	The management of activities through process	+			
9.2	mechanisms for planning, development and continuous improvement	+			
9.3	monitoring, including the creation of reporting processes, allowing to determine the dynamics in the activities and implementation of plans		+		
9.4	analysis of the effectiveness of changes		+		
9.5	evaluation of the effectiveness and effectiveness of the units and their interaction "	+			
10	The organization of the TVE should document all the main business processes that govern the implementation of the PS		+		
11	The organization of the TVE should demonstrate a clear definition of those responsible for business processes, unambiguous assignment of staff duties, delineation of the functions of collegial bodies participating in the implementation of the EP		+		
12	The organization of the TVE should demonstrate the procedure for approving, periodically reviewing (reviewing) and monitoring educational programs and documents regulating this process	+			
13	The organization of the TVE should ensure the availability and effective functioning of the information and feedback system aimed at trainees, employees and stakeholders		+		
14	The guiding principle of the EP should demonstrate the successful functioning of the ER system of quality assurance, including its design, management and monitoring, their improvement, decision-making on the basis of facts		+		
15	The guiding principle should provide evidence of transparency in the management of the educational program	+			
16	The organization of the TVE should demonstrate the availability and evidence of intensive use in the management processes of the EP system for the collection and analysis of statistics		+		

17	The guiding principle should ensure that the degree of satisfaction of the needs of the teaching staff, staff and trainees is measured and demonstrate evidence of the elimination of deficiencies found in the measurement process		+		
18	The guiding principle of the EP should demonstrate evidence of openness and accessibility for students, teachers, parents	+			
TOTAL		7	14	1	
Standard "Specificity of the educational program"					
Evaluation criteria: content of EP					
19	The organization of TVE should demonstrate the availability of developed models of the graduate of the educational program, including knowledge, skills, skills, basic and professional competencies, personal qualities	+			
20	The organization of TVE should provide evidence of the participation of the teaching staff and employers in the development of the EP, ensuring their quality		+		
21	The organization of TVE should determine the content, scope, logic of the interrelationship of academic disciplines, as well as the influence of disciplines, vocational training and professional practice on the formation of basic and professional competencies of graduates	+			
22	The guiding principle of the EP should demonstrate the availability of a professional context in the content of the training disciplines	+			
23	The EP guiding principle should demonstrate an effective balance between theoretical and practice-oriented disciplines	+			
24	The list and content of the disciplines should be accessible to students. Disciplines should exhaustively cover all issues and problems in the field taught	+			
25	The structure of the educational program should provide for various types of 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 renewability of educational programs, taking into account the interests of employers			+	
Evaluation criteria: individualization of the EP					
27	The guiding principle of the EP must ensure equal opportunities for students, including regardless of the language of instruction	+			
28	The guiding principle should ensure the existence and effective functioning of the system of individual assistance and counseling of students on the educational process	+			

29	The guiding principle creates conditions for the effective development of the EP	+			
30	The guiding principle should demonstrate the use of the advantages, individual characteristics, needs and cultural experience of students in the implementation of the EP		+		
31	The guiding principle should demonstrate individual support for students		+		
32	The guiding principle of the EP must prove the availability of a monitoring system for the achievements of students	+			

Evaluation criteria: evaluation of learning outcomes

33	The RP guiding principle should ensure the existence and effective functioning of the mechanism of an objective, accurate and comprehensive evaluation of learning outcomes		+		
34	The guiding principle should ensure that the evaluation of the learning outcomes and the degree of the basic and professional competencies of the students are objective, the transparency and adequacy of the instruments and mechanisms for their evaluation	+			
35	The guiding principle team should ensure that the procedures for assessing the level of knowledge, skills and abilities of students are in line with the planned learning outcomes and program objectives	+			
36	The EP management should conduct diagnostics of knowledge, abilities and skills of students at the beginning of training at the rate and study of the academic disciplines	+			
37	Processes and criteria for evaluating learning outcomes should be transparent	+			
38	The management should ensure that the students have the skills to continue their education at the following educational levels	+			

Evaluation criteria: teaching methods

39	The management of the OP should ensure the systematic development, implementation and effectiveness of active teaching methods and innovative teaching methods		+		
40	When implementing the educational program, the independent work of the student		+		
41	The management of the EP should ensure the possibility of passing vocational training and professional practice in the specialty / qualification of trainees and monitor the satisfaction of students, managers 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		16	7	1	
Standard "Pedagogical collective and teaching effectiveness"					
43	To implement educational programs, the management of the EP should involve practitioners and determine the proportion of the 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 adequacy of the staff potential of the teaching staff to the specifics of the educational programs	+			
46	The organization of TVE should demonstrate the availability of information about the pedagogical team to the public	+			
47	The guiding principle should ensure that the activities of the teaching staff are monitored, a systematic assessment of the competence of teachers, a comprehensive assessment of the quality of teaching	+			
48	The workload of teachers should include various activities. The guiding principle of the EP must demonstrate the evidence of the teachers' fulfillment of all types of planned workload	+			
49	The guiding principle of the EP should provide targeted actions for the development of young teachers	+			
50	The guiding principle of the EP should demonstrate the mechanisms for stimulating the professional and personal development of teachers and workers		+		
51	The guiding principle of the EP should ensure monitoring of the satisfaction of the teaching staff		+		
52	The guiding principle 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 the life of society	+			
TOTAL		7	4	0	
Standard "Learners"					
54	The guiding principle of the EP should demonstrate the policy of forming a contingent of trainees and transparency of its procedures	+			
55	The guiding principle of the EP should demonstrate awareness of the main roles (professional, social) trainees based on learning outcomes		+		
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 programs to support gifted students.		+		
58	The guiding principle of the EP should make the maximum amount of effort to provide graduates with employment and keep in touch with alumni		+		
59	An important factor is the monitoring of the employment and professional activities of graduates	+			
60	The EP leadership should actively encourage students to self-education outside the main program (in the framework of extracurricular activities)	+			
61	The EP guiding principle should provide an opportunity for learners to exchange and express opinions		+		
62	The guiding principle should establish a mechanism for monitoring the satisfaction of students with the activities of the TVE organization as a whole and with individual services in particular		+		
63	The EP guiding principle should demonstrate the functioning of the feedback system, including the prompt presentation of information on the results of the evaluation of learning outcomes	+			
TOTAL		4	6	0	
The standard "Resources used in the implementation of educational programs»					
64	The EP guiding principle should ensure that the maximum number of structured, organized information is available for the students in the disciplines taught: for example, presentation materials, lecture notes, compulsory and additional literature, practical assignments, 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 safety requirements for operation		+		
66	The organization of the TVE creates a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and opportunities of students		+		
67	The organization of TVE should create conditions for the development of applied skills of students and teaching staff in the disciplines studied and the possibility of implementing these skills in competitions and competitions or in some other way in practice	+			
68	The organization of TVE should conduct an assessment of the dynamics of the development of material and technical resources and information support for the EP			+	

69	In the organization of TVE, an educational environment for the EP should be created, which 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 consultations - there are personalized educational resources that help students			+	
69.4	professional orientation - students have access to personalized educational resources that assist in the selection and achievement of career paths			+	
69.5	the necessary number of classrooms equipped with modern technical training facilities that meet the sanitary and epidemiological standards and requirements		+		
69.6	the necessary 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 the languages of instruction		+		
69.8	free access to educational Internet resources	+			
70	The guiding principle should determine the degree of implementation of information technologies in the educational process of the EP, monitor the use and development by the teaching staff of innovative learning technologies, including ICT	+			
71	The guiding principle of the EP should demonstrate the reflection on the web resource of the information characterizing the EP		+		
TOTAL		4	8	3	
"Standards in the context of individual specialties"					
Natural and technical sciences					
75	Educational programs in technical areas, such as "Metallurgy and machine building", "Communication, telecommunications and information technology", "Production, installation, operation and repair (by industry)", "Communication, 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 in the relevant disciplines in particular, in t.h.		+		
75.1.1	excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, etc.)		+		
75.1.2	conducting separate classes or whole disciplines at the enterprise of specialization			+	
75.1.3	The use of workshops for practical classes, solving practical problems relevant to enterprises in the field of specialization, etc.	+			
75.2	The teaching staff involved in the EP should include practitioners who have experience working at enterprises in the field of EP specialization.		+		
TOTAL		1	3	1	
TOTAL IN GENERAL		39	42	6	

