



«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 evaluation commission
for compliance with the requirements of the standards of specialized
accreditation of educational programs

6B01502 – "Physics", 6B01509 – "Physics and computer science",
6B01503- "Computer science", "6B01513 – "Computer science,
information and communication technologies and robotics"

Arkalyk Pedagogical Institute named after I. Altynsarin

Date of the EEC visit: from «03» to «05» April 2023

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External Expert Commission

*Addressed
to the IAAR
Accreditation Council*



АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ

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**

**6B01502 – "Physics", 6B01509 – "Physics and computer science",
6B01503- "Computer science", "6B01513 – "Computer science, information and
communication technologies and robotics"**

Arkalyk Pedagogical Institute named after I. Altynsarin

Date of the EEC visit: from «03» to «05» April 2023

Arkalyk

«05» April 2023

Content

<u>(I) LIST OF SYMBOLS AND ABBREVIATIONS.....</u>	<u>3</u>
<u>(II) INTRODUCTION.....</u>	<u>4</u>
<u>(III) REPRESENTATION OF THE EDUCATIONAL ORGANIZATION.....</u>	<u>5</u>
<u>(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE.....</u>	<u>6</u>
<u>(V) DESCRIPTION OF THE VEC VISIT</u>	<u>7</u>
<u>(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS</u>	<u>8</u>
6.1. The standard "Educational Program Management"	8
6.2. Information Management and Reporting Standard	12
6.3. Standard "Development and approval of the educational program"	15
6.4. The standard "Continuous monitoring and periodic evaluation of educational programs" ...	19
6.5. The standard "Student-centered learning, teaching and assessment of academic performance"	22
6.6. The "Students" standard	26
6.7. The standard "Teaching staff"	29
6.8. Standard "Educational resources and student support systems"	32
6.9. The standard "Informing the public"	35
<u>(VII) OVERVIEW OF STRENGTHS/BEST PRACTICES FOR EACH STANDARD</u>	<u>37</u>
<u>(VIII) OVERVIEW RECOMMENDATIONS FOR QUALITY IMPROVEMENT</u>	<u>39</u>
<u>(IX) REVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF THE ORGANIZATION OF EDUCATION</u>	<u>41</u>
<u>(X) RECOMMENDATION TO THE ACCREDITATION COUNCIL.....</u>	<u>42</u>
Appendix 1. Evaluation table "PARAMETERS OF A SPECIALIZED PROFILE"	43
Appendix 2. THE PROGRAM OF THE VISIT TO THE EDUCATIONAL ORGANIZATION PROGRAM	51
Appendix 3. RESULTS OF THE SURVEY OF teaching STAFF	56
Appendix 4. RESULTS OF THE SURVEY OF STUDENTS.....	61

(I) LIST OF SYMBOLS AND ABBREVIATIONS

RK	The Republic of Kazakhstan
MSHERK	Ministry of Science and Higher Education of the Republic of Kazakhstan
AC	Accreditation Council
BA	Undergraduate
MA	Master's degree
PhD	doctoral studies
IHE	higher education institution
EEC	External expert commission
SMSE	State mandatory standard of education
SPDE	State Program for the Development of Education
IAAR	Independent agency of accreditation and rating
SC MES RK	Science Committee of the Ministry of Science and Higher Education of the Republic of Kazakhstan
MEP	Modular educational program
RW	Research work
IKAQAE	Independent Kazakhstan Agency for Quality Assurance in Education
RWS	Research work of students
EP	Educational program
OR	Registrar's Office
NPA	Normative legal acts
NQF	National Qualifications Framework
NQS	National system of qualifications
TS	Teaching staff
ECTS	European Credit Transfer and Accumulation System
ESG	Standards and guidelines for quality assurance in the European Higher Education Area
QF-EHEA	Qualifications frameworks in the European Higher Education Area

(II) INTRODUCTION

In accordance with Order No. 27-23-OD dated 10.02.2023 of the Director General of NU "Independent Agency for Accreditation and Rating" from April 3 to 5, 2023. an external expert commission assessed the quality of educational programs 6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science, 6B01513 Computer Science, information and Communication Technologies and Robotics for compliance with the Standards of specialized accreditation of educational programs of higher and (or) postgraduate education (Approved and put into effect by the order of the Director General of NU "Independent Agency of Accreditation and Rating" from "16" June 2020, No. 57-20-OD).

The report of the external expert commission (EAC) contains the results of the evaluation of educational programs 6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science, 6B01513 Computer Science, information and communication technologies and robotics according to the criteria of the NAAR, recommendations of the EAC for further improvement of the educational program and the conclusion of the external expert commission (Appendix 1. Parameters of the specialized profile).

The composition of the VEC:

1. **Chairman of the Commission – Skiba Marina Aleksandrovna** Candidate of Pedagogical Sciences, Associate Professor, Chairman of the NAAR Expert Council, expert of the 1st category (Astana, Kazakhstan); (Off-line participation)

2. **IAAR expert - Tamyarov Andrey Valerievich** Candidate of Technical Sciences, Associate Professor of Ulyanovsk State Technical University (On-line participation)

3. **IAAR Expert - Zhenisgul Birzhanovna Bakenova**, PhD, Associate Professor, Kazakh National Agrarian University (Almaty, Republic of Kazakhstan); (On-line participation)

4. **IAAR Expert – Ozgeldinova Zhanar Ozgeldinovna** PhD, Associate Professor, L.N. Gumilyov Eurasian National University (Astana, Republic of Kazakhstan) (Off-line participation)

5. **IAAR expert – Safarov Ruslan Zairovich**, Candidate of Chemical Sciences, Associate Professor of L.N.Gumilyov Eurasian National University (Astana, Republic of Kazakhstan); (Off-line participation)

6. **IAAR expert – Sagimbayeva Shynar Zhanuzakovna** Candidate of Physical and Mathematical Sciences, Associate Professor Aktobe Regional State University named after K.Zhubanov (Aktobe, Republic of Kazakhstan) (On-line participation)

7. **IAAR Expert – Sheripidin Itakhunovich Khamraev**, Candidate of Technical Sciences, Professor Abai Kazakh National Pedagogical University (Almaty, Republic of Kazakhstan) (On-line participation)

8. **IAAR expert, Employer – Dzhagiparova Gulmira Zeynulovna** Head of the commercial unit, KT Cloud lab (On-line participation)

9. **IAAR expert, Student – Adel Omarova**, member of the Alliance of Students of Kazakhstan, S.Seifullin Kaazakh Agrotechnical University; (On-line participation)

10. **IAAR expert, Student – Kolibaykyzy Aktoty** 2nd year Master's student EP 7M01503, Chemistry Al-Farabi Kazakh National University; (On-line participation)

11. **IAAR expert, Student - Ablai Khan Almukhanov**, 2nd year Master's degree at Kokshetau University. Valikhanov (On-line participation)

12. **IAAR expert, Student - Elizaveta Belyankova**, 3rd year doctoral student of the specialty "Chemistry" of the Kazakh-British Technical University; (On-line participation)

(III) REPRESENTATION OF THE EDUCATIONAL ORGANIZATION

Arkalyk Pedagogical Institute named after I. Altynsarin (hereinafter - ArkPI) has been operating in the educational services market since April 1972 according to Resolution No. 220 of the Central Committee of the Communist Party of Kazakhstan and the Council of Ministers of the Kazakh SSR.

At the moment, the full name of the educational institution is the NAO "Arkalyk Pedagogical Institute named after I. Altynsarin" on the basis of the state license to engage in educational activities No. KZ45LAA00018500 dated 07/28/2020, provides training in bachelor's degree educational programs and in accordance with the approved register. The Institute fully owns academic resources for the implementation of educational activities for accredited educational institutions on the basis of past institutional accreditation. The right of the Institute to train specialists in the educational programs 6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science, 6B01513 Computer Science, Information and Communication Technologies and Robotics is confirmed by license no. KZ45LAA00018500.

The Institute carries out its activities on the basis of the following constituent documents:

- Charter of Arkalyk State Pedagogical Institute named after Y. Altynsarina, approved by the order of the Chairman of the State Property and Privatization Committee of the Ministry of Finance of the Republic of Kazakhstan (No. 326 dated 28.05.2020), registered by the Department of Justice of the Kostanay region (No. 990240005309 dated 30.06.2020);
- Certificate of state registration of a legal entity – BIN 990240005309 series, dated June 30, 2020.

The structure of the Institute is represented by the following faculties: natural Sciences and Informatization, pedagogy and Philology, history and Art.

In September of the 2022-2023 academic year, the contingent of undergraduate students amounted to 1039 people, of which 846 people are studying under a state grant. The total contingent was 2,489 people.

Training of specialists in EP 6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science, 6B01513 Computer Science, Information and Communication Technologies and Robotics at the Department of Physics and Mathematics.

The Department of Physics and Mathematics of the Arkalyk State Pedagogical Institute named after I. Altynsarin was established in 1972 as one of the first departments, the Department of Computer Science was established on September 9, 2009.

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

The result of the previous accreditation is the Decision of the meeting of the Accreditation Council of the Independent Accreditation and Rating Agency (NAAR) dated December 23, 2018, according to which the Arkalyk Pedagogical Institute named after I. Altynsarin was recognized as having passed specialized accreditation in 5B010900 Mathematics, 5B011000 Physics, 5B011100 Computer Science - for 5 years.

A total of 16 recommendations were made for the VEC cluster.

Fully implemented:

1. DevelEP a procedure for updating strategic documents on the develEPment of accredited EP
2. To continue the practice of conducting risk assessment of the develEPment of EP
3. Consider the possibility of introducing dual training in the experimental mode.
4. Continue the practice of attracting specialists to work to determine the impact of disciplines and professional practices on the formation of learning outcomes.
5. Update the provision on the develEPment of evaluation criteria for all types of educational work of students (practice, laboratory work, all types of independent work of students, etc.).
6. Continue work on establishing feedback on the use of various teaching methods and evaluating learning outcomes on a systematic basis that is understandable to all participants in the educational process
7. DevelEP a program for the implementation of internal and external academic mobility of students
8. To provide support to gifted students on a systematic basis to create a database of gifted students
9. To promote the awareness of teaching staff on the possibilities of incoming and outgoing academic mobility
10. To develEP a system of rating evaluation of the activities of teaching staff (based on KPI), based on the results of which to make decisions on awarding and encouragement
11. Consider the possibility of conducting practical and laboratory classes on the basis of schools
12. Organize the work on the examination of the results of research, graduation papers for plagiarism
13. To provide for the acquisition of equipment and software similar to those used in modern schools in the develEPment plan of accredited EPOS (in particular, to plan the purchase of laboratory equipment in physics, which is used in modern school physics classrooms).

Partially completed:

1. For the develEPment of trilingual education, consider the possibility of creating conditions for students to choose the language of study of individual modules, regardless of the language of instruction.
2. Consider the possibility of develEPping joint educational programs in the areas of "Physics", "Computer Science", "Mathematics" with foreign educational organizations.
3. In order to prepare future teachers to work in the conditions of the updated content of education, continue the practice of involving school teachers in teaching within the framework of the.

(V) DESCRIPTION OF THE VEC VISIT

The work of the VEC was carried out on the basis of the approved Program of the visit of the expert commission for quality assessment for compliance with the standards of the NAAR specialized accreditation of educational programs of the NAO "Arkalyk Pedagogical Institute named after I. Altynsarin" in the period from April 3 to 5, 2023.

In order to coordinate the work of the EC on 02.04.2023, an On-line meeting was held, during which powers were distributed among the members of the commission, the schedule of the visit was clarified, and an agreement was reached on the choice of evaluation methods.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, to clarify the content of self-assessment reports, on-line /Off-line meetings were held with the rector, vice-rectors of the university in areas of activity, heads of structural divisions, deans, heads of departments, teachers, students. A total of 70 representatives took part in the meetings (Table 1).

Table 1 - Information about focus groups that took part in meetings with the IAAR:

Category of participants	Quantity
Chairman of the Management Board – Rector	1
Vice -Rectors	1
Heads of structural divisions	9
Deans	1
EP managers	6
Teachers of EP 1, 2 clusters	9
Students of EP 1, 2 clusters	22
Graduates of EP 1, 2 clusters	11
Employers of EP 1, 2 clusters	10
Total	70

During the visual inspection, the members of the VEC offline got acquainted with the state of the material and technical base, and also looked at the departments implementing accredited educational programs, the members of the on-line watched videos.

During the visual inspection, the off-line members of the VEC got acquainted with the state of the material and technical base, as well as got acquainted with the staff and documentation of the department implementing accredited educational programs, the members of the VEC who worked on-line had the opportunity to get acquainted with electronic copies of documents, as well as with the material and technical base from videos.

During the accreditation period, classes were attended offline

During the work, the members of the VEC conducted a visual inspection of the practice bases by the link of the videos, and the experts of the commission visited the practice bases for 6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science, 6B01513 Computer Science, Information and Communication Technologies and Robotics.

In accordance with the accreditation procedure, a survey was conducted of 23 teachers, 135 students.

(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS**6.1. The standard "Educational Program Management"**

- ✓ The university should demonstrate the development of a goal and strategy for the development of the EP based on the analysis of external and internal factors with the broad involvement of a variety of stakeholders.
- ✓ The quality assurance policy should reflect the relationship between scientific research, teaching and learning.
- ✓ The university demonstrates the development of a culture of quality assurance.
- ✓ Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint/double-degree education and academic mobility.
- ✓ The management of the EP ensures transparency in the development of the EP development plan based on the analysis of its functioning, the real positioning of the university and the orientation of its activities to meet the needs of students, the state, employers and other interested persons.
- ✓ The management of the EP demonstrates the functioning of mechanisms for the formation and regular revision of the development plan of the EP and monitoring its implementation, assessing the achievement of training goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP.
- ✓ The management of the EP should involve representatives of groups of interested persons, including employers, students and teaching staff in the formation of a development plan for the EP.
- ✓ The management of the educational institution should demonstrate the individuality and uniqueness of the development plan of the educational institution, its consistency with national development priorities and the development strategy of the educational organization.
- ✓ The university must demonstrate a clear definition of those responsible for business processes within the framework of the EP, the distribution of staff duties, the differentiation of functions of collegial bodies.
- ✓ The management of the EP ensures coordination of the activities of all persons involved in the development and management of the EP, and its continuous implementation, as well as involves all stakeholders in this process.
- ✓ The management of the EP should ensure the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, and the adoption of appropriate decisions.
- ✓ The management of the EP should carry out risk management.
- ✓ The management of the educational institution should ensure the participation of representatives of interested persons (employers, teaching staff, students) in the collegial management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.
- ✓ The university must demonstrate innovation management within the framework of the EP, including the analysis and implementation of innovative proposals.
- ✓ The management of the EP should demonstrate its openness and accessibility to students, teaching staff, employers and other interested persons.
- ✓ The management of the EP confirms the completion of training in educational management programs.
- ✓ The management of the EP should strive to ensure that the progress made since the last external quality assurance procedure is taken into account when preparing for the next procedure.

The evidentiary part

Plans for the development of accredited educational programs have been developed in accordance with the Strategic Development Plan for 2020-2025 of the NAO "Arkalyk Pedagogical Institute named after Y. Altynsarin", adopted at a meeting of the Academic Council (Protocol No. 4 of 06/15/2022) with the participation of employers – educational organizations, graduates and students.

The mission, goals and objectives of the Institute correspond to the goals and objectives of the national education system and the development of the country. The goals and objectives of the EP are defined in accordance with the global mission of the Institute - providing quality education through the development of innovative educational technologies and interaction with employers. Thus, the following goals and objectives are defined for accredited EP:

The purpose of the educational programs 6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science, 6B01513 Computer Science, information and communication technologies and robotics: training a qualified teacher of mathematics and physics, mathematics and computer science in the subject area and within the framework of the organization of the educational process in the conditions of the updated content of secondary education.

The objectives of educational programs are to provide high-quality training for teachers of mathematics, physics and computer science who have the opportunity to master education in accordance with the social order of society and world standards of education.

Transparency of the management process is based on the "Regulations on the educational program and the procedure for its development" approved at the meeting of the Academic Council of the Arkalyk Pedagogical Institute named after I. Altynsarin dated August 26, 2020, Protocol No. 1 (with amendments and additions dated May 04, 2022 to Protocol No. 10).

(https://api.edu.kz/images/files_institut/polozheniya_kaz/5Bilim_beru_bagdarlamasy_zhan_e_ony_azirleu_tartibi.pdf).

The Institute has documented procedures for the areas of activity, published on the website <https://www.api.edu.kz/index.php/ru/common/normativnye-dokumenty/vnutrennie-normativnye-dokumenty>.

The management of the EP ensures transparency of the management system, this is reflected in the minutes of the department meeting, is presented on the website and in the report, and also uses such communication channels: advisory hours, curatorial hours, information stands, the Platonus system, social networks.

During the reporting period, all managers of accredited educational programs underwent advanced training in the program of management in education:

The assessment of the quality and effectiveness of the EP is carried out on the basis of the analysis of curricula, sample disciplines, EMCD, questionnaires of students and teaching staff, mutual visits to teaching staff classes, discussion and analysis of the results of students' academic performance, passing all types of practices, the quality of graduation papers and complex exams, which is discussed at the meetings of the department is reflected in the protocols.

To determine the level of customer satisfaction, a survey of consumer groups is organized and conducted annually: employers, students, teachers and employees of the Institute. The university has a "Guide to the internal quality assurance system", "The Code of Honor of the teacher of the I. Altynsarin ArkPI" (<https://api.edu.kz/index.php/ru/obuchenie/kodeks-chesti-prepodavatelya>) "Student's Code of Honor" (<https://api.edu.kz/index.php/ru/obuchenie/kodeks-chesti-studenta>).

The management of the EP demonstrates evidence of openness and accessibility for students, teaching staff, employers and other interested persons. Information on the EP is available on the official website of the Institute in open access.

Analytical part

The analysis of the presented information and supporting documents according to this standard allows us to draw the following conclusions.

The Institute demonstrates the management of educational programs in the context of the implementation of strategic documents. The management of the EP demonstrates the consistency of the EP /RUP with national development priorities and the development strategy of the educational organization. The University has provided a Quality Assurance Policy, in general, reflecting the interaction between the business community, the scientific community, teaching staff and students. However, it is not enough to reveal the mechanism of implementation of innovative scientific research and the connection with teaching.

Employers and students are involved in the development and implementation of EP development plans. The variable part of the educational programs has been supplemented as a result of the recommendations of stakeholders. However, attention should be paid to the development of indicators of achievement of results, specific measures and deadlines for their implementation.

The management of the Institute demonstrated that the mechanisms for implementing business processes, the distribution of powers between collegial bodies, and the management of educational activities are described in regulatory documents and approved by the Academic Council of the Institute.

The developers of accredited PLOS have not identified possible risks, have not developed a Risk Management Plan that affects the development of EP, and have not conducted a SWOT analysis of the current state of educational programs. More attention should be paid to risk management capabilities and ways to prevent adverse factors.

The university uses the automated information system of electronic document management "PLATONUS" for planning, management, monitoring and analysis of the quality management system, management of documented information, internal audit in accordance with the quality management system in force at the Institute, which regulates these processes by internal regulatory documents.

During the interview with the PP and with the students, the clarity and coherence of the work of the institute of curatorship was noted.

The management of the university demonstrated openness in communicating with students, which is also confirmed by the results of the questionnaire (see appendix)

The management of the EP insufficiently demonstrates the functioning of the internal quality assurance system of the EP in terms of the development and management of innovations, including in the educational process. A systematic approach to innovation management was not reflected in the development plans of the EP. The VEC considers it necessary to develop a plan for improving innovation management mechanisms, providing for the introduction of various types of educational, scientific, extracurricular activities that allow for flexible and dynamic response to all innovative processes, products and services both in education and in professional and scientific fields.

Strengths/Best practices:

- there is direct access to the personal page of the rector's website
- regular meetings of the Institute's EP management with students on all issues of concern and emerging situations are organized;
- the established institution of curatorship should be particularly noted

Recommendations of the External Expert Commission (EEC):

- the management of the EP to consider the inclusion in the development strategy of the EP of the issues of the introduction of innovative scientific research in connection with teaching (Deadline: 01.09.2023);

- the management of the university to update the regulatory documentation for the formation and revision of the development plan of the EP, indicating the mechanisms for attracting stakeholders (Deadline: 01.09.2023);
- the management of the university and the EP to consider the possibility of including the risk management procedure in the development strategy of the EP (Deadline: 01.01.2024)

The conclusions of the EEC according to the criteria: strong - 1, satisfactory-15, suggest improvements-1.



6.2. Information Management and Reporting Standard

The institute should ensure the functioning of the information collection, analysis and management system based on modern information and communication technologies and software.

The EP management demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system.

The management of the EP demonstrates the existence of a reporting system reflecting the activities of all structural divisions and departments within the framework of the EP, including an assessment of their effectiveness.

The university should determine the frequency, forms and methods of assessing the management of the EP, the activities of collegial bodies and structural units, and tEP management.

The university must demonstrate a mechanism for ensuring the protection of information, including the identification of responsible persons for the reliability and timeliness of information analysis and data provision.

The university demonstrates the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.

The management of the EP should demonstrate the availability of communication mechanisms with students, employees and other stakeholders, including conflict resolution.

The university must ensure the measurement of the degree of satisfaction of the needs of students, teaching staff and staff within the framework of the EP and demonstrate evidence of the elimination of the detected shortcomings.

The university should evaluate the effectiveness and efficiency of its activities in the context of the EP.

The information collected and analyzed by the university within the framework of the EP should take into account:

- key performance indicators;
- dynamics of the contingent of students in the context of forms and types;
- academic performance, student achievements and expulsion;
- satisfaction of students with the implementation of the EP and the quality of education at the university;
- availability of educational resources and support systems for students;
- employment and career growth of graduates.

Students, teaching staff and staff must document their consent to the processing of personal data.

The management of the EP should help to provide the necessary information in the relevant fields of sciences.

The evidentiary part

Information management at the university includes the management of information flows "tEP-down" (classical dissemination of organizational and managerial information) and "bottom-up" (feedback that gives an idea of the reaction to management impact, reporting and initiative prEPosals).

Information management processes at the university, including within the framework of accredited educational programs, are regulated by internal documents. In the activities of the university, both online information is widely used – through LMS Platonus, corporate mail, social networks, and traditional – through meetings of collegial bodies, approval of local acts and familiarization with them orders and orders. External Expert Commission (EEC) received confirmation of the upcoming update of the LMS Platonus to the current full version in May.

Informing is implemented through the work of collegial bodies, scheduled meetings of the rector with the staff, with students, receptions of the rector and tEP management of the university on personal and official issues; questions and answers on the blog of the rector, deans; consultations and curatorial hours; information stands; surveys. The efficiency of information dissemination is achieved due to the presence of groups and newsletters in social networks.

The sources of information regarding the formation and implementation of the development plan of the EP are meetings of collegial bodies, the institute's portal, questionnaires and sociological surveys of target groups within the institute. Information is also collected on paper by requesting supporting documents from the relevant departments, collecting information in a single database.

The main channels of direct dissemination of information within the university are:

- the use of a traditional document management system;
- holding meetings and meetings;
- LMS, which aggregates information about students and educational programs.
- publication of information on information stands;
- publications on social networks.

Feedback is provided through reporting, questionnaires, service records, publications on social networks. Reports on academic activities are provided at the end of the academic year, on research activities at the end of the calendar year. The reports of the teaching staff are collected twice a year - at the end of each semester, after the end of the year, an analysis of the implementation of plans is carried out.

Also, the heads of educational programs, the dean's office and structural divisions carry out ongoing internal control of activities.

Analytical part

The External Expert Commission (EEC) notes that the university has an information and reporting management system, which is characterized by traditional indicators and processes for universities. Special attention is paid to the systematic review of the effectiveness of the decisions taken and monitoring of the activities of departments and programs at the meetings of the Academic Council.

The External Expert Commission (EEC) notes that meetings with representatives of key stakeholders are held at the university, regular questioning of students and employers is carried out, and appropriate measures are taken to eliminate shortcomings based on the results of their questioning / interviewing. Thus, the management of accredited educational institutions is working to ensure transparency of information in the process of auditing the quality of education and their results.

The information about the availability of special information resources of the EP (website, stand, etc.), through which information is distributed, has been confirmed. It shows the existence of documented information management processes and who is responsible for their functioning, reliability and systematic use of adequate information to improve the internal quality assurance system. However, the presence of outdated QMS information is noted, which is currently not supported.

The External Expert Commission (EEC) confirms the prompt informing of students, employees and teaching staff of the university about changes related to the force majeure situation. During the meetings, the participants demonstrated a sufficient level of information about the processes taking place within the framework of the university's activities and educational programs.

The survey of students conducted during the visit of the External Expert Commission (EEC) NAAR showed satisfaction with informing students about courses, educational programs, and academic degrees.

Strengths/Best practices:

- availability of a system of permanent offline and digital channels for transmitting information;
- systematic use of processed, adequate information to improve the internal quality assurance system;
- there is a system of regular reporting reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research;
- the availability of a mechanism for communication with students, employees and other interested parties, including the availability of conflict resolution mechanisms;
- measurement of the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP.

Recommendations of the External Expert Commission (EEC):

- consider the possibility of designing and filling a database with information on quality assurance (questionnaires, surveys, etc.) for a period of at least three years with recommendations for the management of the EP (Deadline: 01.09.2024);
- to develop a local act defining the frequency, forms and methods of assessing the management of the EP, the activities of collegial bodies and structural units, senior management (Deadline: 01.01.2024);
- to carry out work on the revision and specification of the development program of the EP, taking into account changes in professional standards and other regulatory documents, including the national level (Deadline: 01.09.2023).

The conclusions of the External Expert Commission (EEC) according to the criteria: strong -1, satisfactory -15, suggest improvements -1.

The conclusions of the VEC according to the criteria: strong - 1, satisfactory-15, suggest improvements-1.

6.3. Standard "Development and approval of the educational program"

- ✓ The university must demonstrate the existence of a documented procedure for the development of an EP and its approval at the institutional level.
- ✓ The university must demonstrate the compliance of the developed EP with the established goals and planned learning outcomes.
- ✓ The management of the EP should determine the impact of disciplines and professional practices on the formation of learning outcomes.
- ✓ The university demonstrates the existence of a graduate model of an EP describing learning outcomes and personal qualities.
- ✓ The qualification assigned upon completion of the EP must be clearly defined, explained and correspond to a certain level of the NSC, QF-EHEA.
- ✓ The management of the EP should demonstrate the modular structure of the program based on ECTS, ensure that the structure of the content of the EP meets the goals set with a focus on achieving the planned learning outcomes for each graduate.
- ✓ The management of the EP should ensure that the content of academic disciplines and learning outcomes correspond to each other and the level of study (bachelor's, master's, doctoral studies).
- ✓ The management of the EP must demonstrate the conduct of external examinations of the EP.
- ✓ The management of the EP must provide evidence of the participation of students, teaching staff and other stakeholders in the development and quality assurance of the EP.
- ✓ The management of the EP should demonstrate the uniqueness of the educational program, its positioning in the educational market (regional/national/ international).
- ✓ An important factor is the possibility of preparing students for professional certification.
- ✓ An important factor is the presence of joint(s) and/or double-degree EP with foreign universities.

The evidentiary part

EP at the university are developed on the basis of the National Qualifications Framework, professional standards, agreed with the Dublin Descriptors and the European Qualifications Framework.

The procedure for developing educational programs in the areas of training implemented at the Institute is specified in the internal regulatory document of the I. Altynsarin ArPI in accordance with the "Regulations on the educational program and its procedure разработки" (https://api.edu.kz/images/files_institut/polozeniya_kaz/5Bilim_beru_bagdarlamasy_zhane_ony_azirleu_tartibi.pdf).

The development of accredited PLOS begins with the construction of a graduate model, which is formulated in such a way that it is possible to consistently determine the competence of a specialist. The graduate model is developed individually for each level of training, while various positions, enterprises, labor functions, learning outcomes (Dublin descriptors) are offered. The model of graduates is discussed with employers and reviewed at meetings of the EP. Samples of the model of graduates of accredited PLO are posted on the Institute's website (<http://api.edu.kz/index.php/kz/zhalpy-apparat/institut-missiyasy>).

The learning outcomes for each EP are formed both at the level of the entire EP, and at the level of individual modules or academic discipline.

Table. The influence of disciplines and practices on the formation of learning outcomes on EP

<i>Disciplines and practices</i>	<i>Formation of learning outcomes</i>
6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science,	

6B01513 Computer Science, Information and Communication Technologies and Robotics	
Educational and introductory 1st year	Masters the basics of pedagogical and psychological disciplines, develops moral values and patriotic qualities in accordance with the age characteristics of students and is able to organize educational work
Pedagogy	
Language practice	The purpose of language practice is to determine the degree of proficiency in a professional foreign language in the specialty, to replenish vocabulary and general worldview on special topics. Language practice teaches students to develop skills in working with official documents (business correspondence and documentation), as well as to translate texts.
Pedagogy-psychological practice 2nd year	The ability of practical acquaintance with the procedure of studying the psychological and pedagogical characteristics of the team, conducting a psychological and pedagogical analysis of the lesson (educational event) is formed. Can conduct psychological and pedagogical research of the class and individual students.
Педагогическая психология	
Pedagogical practice 3rd year	Gets acquainted with the teaching and methodological documents of the class teacher and the teacher (state standard, SMR, NMR, extracurricular activities, the schedule of study hours, etc.). Masters the basics of pedagogical and psychological disciplines, develops moral values and patriotic qualities in accordance with the age characteristics of students and is able to organize educational work. Methods of teaching computer science, new technologies in education, teaching computer science in inclusive education
Theory and methodology of educational work, methods of teaching computer science	
Industrial practice 4th year	
Methods of teaching computer science, new technologies in education, teaching computer science in inclusive education	

When developing the EP, a special place is given to all types of practices that form the learning outcomes and the required professional competencies of students.

The forms and activities of stakeholders' participation in the development of EP, ensuring their quality are organized according to the following scheme:

<i>Students</i>	<i>PPS</i>	<i>Employers</i>
Meeting of the head of the group, consultation with the adviser, practice report, formation of an individual learning trajectory, annual collection and analysis of employment results, analysis of graduates' career growth	Participation in the work of the commission on the conduct and mutual participation in the work of the Academic Council of the university, the NGO office of the Institute, the meeting of the EP, career guidance work, the development of teaching materials, improving teaching technology, conducting EP teaching staff lessons.	External expert assessment, feedback on the results of practice, participation in EP meetings, round tables, meetings, etc.
Consideration at the Academic Council at the University, at the Academic Council of the faculty		
Proposals for the meetings of the UMK of the university, faculty, DOW		
Questionnaire		

In order to increase the effectiveness of the professional competence of future specialists, the content of the EP has been agreed with the following employers: physics teacher of secondary school No. 4 named after Keiki batyr Bekmuratova G. S., computer science teacher

Kaltai N. B., Abildina A. B., physics teacher of secondary school No. 5 named after M. Auezov Ulysbaev E.E., Physics teacher of the gymnasium school named after Kunanbayeva Kosbergenova A. K., computer science teacher Mukhysheva G. M., physics teacher of secondary school No. 1 named after Sh. Ualikhanov Kenzhagalieva S., computer science teachers Karashinov K. S., Usenbayev K. B., physics teacher of secondary school No. 3 named after B. Mailin Teacher Meiramova G. N., computer science teacher G. S. Zhumagalieva, physics teacher of the gymnasium. Altynsarina Abdrakhmanova Zh. K., computer science teacher Alimgereeva G. E. They make their suggestions on the subjects and features of the work of future graduates of the DOW.

The competitiveness of the EP in the educational services market of the region can be judged by the employment of graduates, whose level exceeds more than 90%. Arki is actively working on the employment of graduates. Assistance in the employment of graduates is carried out in accordance with the "Regulations on measures to promote the employment of graduates" approved by the Academic Council of the Institute (dated 04.05.2022, No. 10). https://api.edu.kz/images/files_institut/polozheniya_kaz/16Tulekterdin_zhumysqa_ornalasuyna_zhademdesu.pdf

The uniqueness and relevance of accredited EP is determined by their orientation to the labor market of the region.

The readiness of students for professional certification according to accredited OEP is determined as follows: 1) implementation of the curriculum; 2) high level of development of professional disciplines; 3) successful defense of the thesis; 4) positive results and characteristics of the managers of the EP practice and the practice base; 5) motivation for high-quality performance of professional activities; 6) student self-government 7) employment in the received specialty; 8) successful adaptation to the place 9) high-quality performance of professional duties; 10) passing qualification tests to DETERMINE

Analytical part

The analysis of the presented information and supporting documents according to this standard allows us to draw the following conclusions.

1. The university documents the procedures for the development of the EP and their approval. This is evidenced by the fact that the EP is reviewed and discussed at meetings of collegial bodies, reviewed by external experts. The VEC notes that the university needs to detail the local act on the development of an EP with a description of the mechanisms for attracting stakeholders.

2. The EP management determines the influence of disciplines and professional practices on the formation of learning outcomes. This fact confirms that learning outcomes are formed both at the level of the entire EP, and at the level of individual modules or academic discipline and during the passage of all types of practices.

3. The university demonstrates the presence of a graduate model of accredited EP. The format of the graduate model is regulated in the regulation and is available at the link (<https://api.edu.kz/index.php/kz/zhalpy-a-parat/institut-missiyasy> . The graduate model is discussed at meetings with employers, as well as at a meeting of the academic committee.

4. The Institute prepares students for professional certification by studying the disciplines included in the EP and passing an internship. However, the management of accredited educational institutions did not demonstrate a list of disciplines, the content of which is aimed at preparing students for professional certification.

5. The members of the VEC note that the management of accredited PLOS has not fully disclosed the criterion of harmonization of the content of the EP with leading domestic and foreign universities.

6. The survey of students conducted during the visit of the VEK NAAR showed that:

- the level of accessibility and responsiveness of the university management: fully and partially satisfied – 94.8%;

- availability for academic counseling: fully and partially satisfied – 97%;
- explanation of the rules and strategies of the educational program before admission: fully and partially satisfied – 92.5%.

Strengths/Best practices

- the management of the EP regularly conducts external examinations of the EP

Recommendations of the External Expert Commission (EEC):

- to carry out the details of the local act on the development of the EP with a description of the mechanisms for attracting stakeholders (Term: 01.09.2023);
- - to analyze the possibility of providing students with the possibility of professional certification in non-pedagogical branches of professional activity, for example in the field of OT (Term: 01.09.2023);
- continue work on concluding cooperation agreements with foreign and leading national universities (Deadline: 01.01.2024).

The conclusions of the EEC according to the criteria: strong - 2, satisfactory-8, suggest improvements-2.



6.4. The standard "Continuous monitoring and periodic evaluation of educational programs"

- ✓ The university should ensure the revision of the structure and content of the EP, taking into account changes in the labor market, the requirements of employers and the social request of society.
- ✓ The university must demonstrate the existence of a documented procedure for monitoring and periodic evaluation to achieve the goal of the EP and continuous improvement of the EP.
- ✓ Monitoring and periodic evaluation of the EP should consider:
 - ✓ the content of the program in the context of the latest achievements of science and technology in a particular discipline;
 - ✓ changes in the needs of society and the professional environment;
 - ✓ workload, academic performance and graduation of students;
 - ✓ effectiveness of student assessment procedures;
 - ✓ needs and degree of satisfaction of students;
 - ✓ compliance of the educational environment and the activities of support services with the goals of the EP.
- ✓ The management of the EP should publish information about changes to the EP, inform interested parties about any planned or undertaken actions within the framework of the EP.
- ✓ Support services should identify the needs of various groups of students and the degree of their satisfaction with the organization of training, teaching, evaluation, and mastering of the EP as a whole.

The evidentiary part

Monitoring and periodic evaluation of university programs include various activities: examination at the department, institute level; analysis of labor market trends, requirements for graduates from employers; survey of stakeholders, etc. The frequency of revision of curricula and curricula of academic disciplines is once a year, after discussion of the changes made, reviews of experts (stakeholders), at meetings of departments.

One type of control is a questionnaire: "Student satisfaction with the results of education", "Teacher through the eyes of students", etc. sociological surveys are conducted. Along with the quality control of teaching, monitoring of the current and final control of students' knowledge is carried out.

The organization of professional practice is carried out on the basis of the rules for organizing, conducting professional practice and determining organizations as a base of practice at the Arkalyk Pedagogical Institute named after I. Altynsarin, approved in the academic policy of the Academic Council of the Arkalyk Pedagogical Institute named after I. Altynsarin, approved at the meeting of the Academic Council of the I. Altynsarin ArPI on May 04, 2022, available in EPen access on the website institute.

[chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://api.edu.kz/images/files_institut/polozheniya_kaz/8Kasiptik_praktikany_uiymdastyru_otkizu_zhane_uiymdardy_praktika_bazasy_retinde_aiqyndau.pdf](https://efaidnbmnnnibpcajpcglclefindmkaj/https://api.edu.kz/images/files_institut/polozheniya_kaz/8Kasiptik_praktikany_uiymdastyru_otkizu_zhane_uiymdardy_praktika_bazasy_retinde_aiqyndau.pdf).

The implementation of the goals and objectives of professional practice is carried out by monitoring (Appendix 21).

The control of students' knowledge is organized in accordance with the academic policy of Protocol No. 10, approved at the meeting of the Academic Council of the Arkalyk Pedagogical Institute named after I. Altynsarin on May 04, 2022.

[chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://api.edu.kz/images/files_institut/polozheniya_kaz/8Kasiptik_praktikany_uiymdastyru_otkizu_zhane_uiymdardy_praktika_bazasy_retinde_aiqyndau.pdf](https://efaidnbmnnnibpcajpcglclefindmkaj/https://api.edu.kz/images/files_institut/polozheniya_kaz/8Kasiptik_praktikany_uiymdastyru_otkizu_zhane_uiymdardy_praktika_bazasy_retinde_aiqyndau.pdf).

[ya_kaz/3Bilim_alushylardyn_ulgerimin_agymdagy_baqylau_aralyq_qorytyndy_attestattau0405.pdf](#).

In the AIS "PLATONUS", the student has free access to his virtual office, where he can view the academic calendar, individual curriculum, electronic journal, transcript, GPA, EUMCD scores and correspondence with teachers on issues that have arisen in it.

Based on the monitoring provided in Appendix 22, it is clear about the increased entrance scores of applicants in 2022-2023.

Monitoring of students' current academic performance, which provides for the assessment of students' academic performance in the framework of seminars, colloquiums, independent work under the guidance of a teacher, self-preparation, exams and practical training, is carried out through a rating system (Appendix 23).

Evaluation of the achievement of learning goals and results, compliance with the needs of students and employers is carried out by evaluating the results of the current, intermediate and final certification, evaluation of the results of practice and work of the certification commission, evaluation of the results of the survey of all interested parties, conclusions based on the results of the analysis of the report on the work of the department, etc.

The evaluation mechanisms at the department are control visits to classes (sociological surveys of participants in the educational process, feedback from external managers of practices), as well as an analysis of performance indicators. Monitoring includes tracking: attendance of classes by students; performance of tasks and independent work by students; delivery of tasks by students for current, boundary and final control; implementation by students of the individual plan of the student.

Analytical part

The analysis of accredited EP according to this standard allows us to draw the following conclusions: the report contains information on monitoring and periodic evaluation of EP 6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science, 6B01513 Computer Science, information and communication technologies and robotics, do not demonstrate an analysis of monitoring procedures and periodic evaluation of programs to achieve the goals of EP and the formation of planned learning outcomes. There is practically no information on the implementation of the EP on the website.

EP projects are discussed at meetings of the methodological bureaus of faculties, the educational and methodological council of the university. However, no supporting minutes of the meetings were provided.

Constant monitoring and periodic evaluation of accredited PLOS is carried out taking into account the prEPosals of students participating in the process of selecting and forming a list of elective disciplines, prEPosals of students following the results of professional practices, prEPosals of employers. The evidence of the participation of students, employers and other stakeholders in the evaluation and revision of the EP are the minutes of the meetings of the department, which were also not presented.

The Institute has an official website. However, the members of the WEC note that the management of the EP should develop, implement and continue to keep up-to-date the procedure for informing stakeholders about changes accredited by the EP, including determining the most effective mechanisms for informing.

The survey of students conducted during the visit of the VEC NAAR showed that students assess the overall quality of educational programs as fully satisfied 74.1% and partially satisfied – 23.7%. Informing the requirements in order to successfully complete this educational program: "fully satisfied" – 73.3%, "partially satisfied" – 24.4%. The objectivity of the assessment of knowledge, skills and other educational achievements: "fully satisfied" – 71.1%, "partially satisfied" – 24.4%.

Strengths/Best practices:
missing

Recommendations of the External Expert Commission (EEC):

- annually at the Academic Council of the Institute to consider the monitoring plan, as well as its results with the development of recommendations for improving the EP (Term: annually);
- to develop regulations for updating information on the development and changes of the EP in EP sources (Deadline: 01.01.2024).

The conclusions of the VEC according to the criteria: strong - 1, satisfactory-10, suggest improvements-1.



6.5. The standard "Student-centered learning, teaching and assessment of academic performance"

- ✓ The management of the EP should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths.
- ✓ The management of the EP should provide teaching based on modern achievements of world science and practice in the field of training, the use of various modern teaching methods and evaluation of learning outcomes that ensure the achievement of the goals of the EP, including competencies, skills to perform scientific work at the required level.
- ✓ The management of the EP should determine the mechanisms for distributing the educational load of students between theory and practice within the framework of the EP, ensuring the development of the content and achievement of the goals of the EP by each graduate.
- ✓ An important factor is the availability of own research in the field of teaching methods of the disciplines of the EP.
- ✓ The university must ensure that the procedures for evaluating learning outcomes correspond to the planned results and goals of the EP.
- ✓ The university must ensure the consistency, transparency and objectivity of the mechanism for evaluating the results of the EP training, the publication of criteria and evaluation methods in advance.
- ✓ Evaluators should be familiar with modern methods of evaluating learning outcomes and regularly improve their skills in this area.
- ✓ The management of the EP should demonstrate the existence of a feedback system for the use of various teaching methods and evaluation of learning outcomes.
- ✓ The management of the EP should demonstrate support for the autonomy of students with simultaneous guidance and assistance from the teacher.
- ✓ The management of the EP must demonstrate the existence of a procedure for responding to complaints from students.

The evidentiary part

To ensure the transparency of teaching and evaluation, Methodological recommendations have been developed for the criteria-based assessment of student learning outcomes, which provides evaluation criteria for forms of control. The procedure for evaluating student learning outcomes is given in the Rules for Evaluating Learning Outcomes at the Arkalyk Pedagogical Institute named after I. Altynsarın

https://api.edu.kz/images/files_institut/polozheniya_rus/12Pravila_ocenivaniya_rezultatov_obucheniya.pdf.

The University is working to create working conditions for inclusive education. One of the priority tasks is to ensure equal access of students to various educational programs equal to education. The following conditions have been created: there are ramps at the entrance to the university building, double-sided special markings are glued to the self-adhesive film. According to the educational program 6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science, 6B01513 Computer Science, information and communication technologies and robotics, there are currently no students with disabilities.

This is the first step in the development of new technologies and technologies that can be used in the development of new forms and methods of preparation.

One of the factors of the kachestva obrazovana является внедрение учебный процес of innovative technologies of training. Innovative methods and technologies of training in godovom plane raboty kazdoy EP. Cachestvo predestination educatelnnykh service evaluation by way of conducting EPen data, vzaimnoy poseštayemosti PPS, managing director EP. Состояние внедрения инновационных технологий систематически рассматривается на заседаниях Ученого совета Института (№2 protokol 26.09.2018 G., 28.11.2018 g. №5, - 14.03.2019 G. №9

protocol, 27.11.2019 G. №4 protocol, 25.12.2019 G. 5 5, 31.03.2021 G. №10 protocol, 22.11.2021 G. №5 protocol, 30.11.2022 G. №5 protocol).

Teaching staff conducts their research in the field of teaching methods of academic subjects of the EP "Mathematics", "Mathematics and Physics", "Mathematics and Computer Science", "Physics", "Physics and Computer Science", "Computer Science", "Computer Science, information and communication technologies and robotics", as well as problems of teaching methods of these subjects of mathematics, physics, computer science, as well as issues of teaching methods of teaching teaching staff are considered publications at international conferences.

There is a system of scientific and methodological seminars on the EP, the work of which is aimed at developing proposals and exchanging experience to improve the effectiveness of the introduction of innovative teaching methods.

At the Y. Altynsarin Institute, a student forms an individual learning trajectory based on the QED, by compiling an IUP for the current academic year. Sneakers and Groups are reviewed taking into account the needs of society, the economy and the labor market. The needs of students in the formation of an EP is carried out by conducting and analyzing the results of a survey of students and graduates, as well as by involving students in the formation of an EP, QED. In the 2020-2023 academic year, surveys were conducted in an online format.

https://docs.google.com/spreadsheets/d/1-yBq5VnhEOhNGnLw_SfetzQfzXZQOtWGrWfxpbDMOdY/edit?usp=drivesdk
https://docs.google.com/spreadsheets/d/1NXAGzRyol2m6hvvtWOiPfaq_xHS0XXRbRDV6GF4DzNw/edit?usp=drivesdk
<https://docs.google.com/spreadsheets/d/1uvSICyXawr7eBwMqHVQ3JvSVRFSvh-hLBSEB8TGSStLI/edit?usp=drivesdk>

Based on the analysis of the feedback results, the EP makes a decision to intensify work in the field of teaching methods or to change and revise methods and evaluate learning outcomes. Provides support for the student's sense of autonomy by providing appropriate guidance and assistance from the teachers of the EP. Teachers of the EP supervise students throughout the entire period of study.

The progress of students along the educational trajectory is tracked through the modules of AIS "Platonus". In order to monitor the results of training, the heads of departments have access to the functions of viewing the academic and academic achievements of students.

The transfer of students from course to course is carried out according to the results of the summer examination session, taking into account the results of the summer semester. The basis for transferring a student from a course to the next course at the end of the academic year is the implementation of an individual curriculum and the absence of financial arrears for tuition fees.

Students of accredited PLOS are informed in a timely manner about the criteria and procedures used for evaluating learning outcomes, exams and other types of assessment of academic performance. In the "Platonus" program, students can view information about the teacher, educational and methodological documentation, class schedules, etc.

In order to implement the Institute's strategy aimed at improving the quality of training specialists at the university, an Academic Policy has been introduced, which prescribes the code of academic integrity https://api.edu.kz/images/files_institut/Akadem_politika_31.08.2022.pdf.

The management of the EP uses in the educational process the information system for determining the borrowing of "Anti-Plagiarism" in order to implement the principles of academic integrity at the institute <https://www.antiplagiat.ru/>. The service is designed to check the written works of students of the Institute to detect borrowings in them in educational and scientific works.

The Institute applies the practice of appealing the results of complex testing and examination interviews. The procedure for appealing exam results is spelled out in the document "Rules for conducting ongoing monitoring of academic performance, intermediate and final certification of students at the Arkalyk Pedagogical Institute named after I. Altynsarin".

Questionnaires are conducted to identify the different needs of students. The Institute has formed a system for reviewing student complaints by the university management. The complaints procedure is carried out according to the scheme: curators / advisors, heads of the EP, Dean's office of the Faculty, Department of Internal Affairs, Rector.

Analytical part

The Commission notes that the Institute implements the approach of creating conditions for students by the university, which contributes to the effective advancement of the student along the chosen trajectory. It is also important that students build an individual educational trajectory using the disciplines of both the main educational program and the additional one.

The CENTURY notes that as a prompt response to student complaints, the management ensures the interaction of students with advisors, curators, and immediate response to student complaints resolved positively in their favor.

The VEC confirms that the university operates AIS "Platonus", which not only automates the learning process, but also aims to improve the internal quality assurance system as a whole. A personal account in the system is provided for each student and teaching staff.

During the interview with students, it was found out that the management of the EP uses in the educational process the information system for determining borrowing "Anti-Plagiarism" in order to implement the principles of academic integrity at the institute.

The feedback system on the use of various teaching methods and evaluation of learning outcomes has not been sufficiently demonstrated. Specific facts and examples of the use of teaching methods, including innovative and author's methods, are not presented.

Questionnaires of students are conducted in order to identify effective teaching methods, the degree of student satisfaction.

The survey of students conducted during the visit of the VEK NAAR showed that they were completely satisfied:

- responsiveness to feedback from teachers regarding the educational process – 68.1%;
- quality of teaching – 71.9%;
- objectivity and fairness of examinations and attestation – 71.1 %
- the quality of services provided in libraries and reading rooms – 83.7 %;
- support of educational materials in the learning process – 68.9%.

Strengths/Best practices:

- evaluators regularly improve their qualifications and possess modern methods of evaluating learning outcomes.
- the management of the educational program demonstrates support for the autonomy of students with simultaneous guidance and assistance from the teacher.

Recommendations of the External Expert Commission (EEC):

- to develop a plan for discussing modern teaching methods on evaluating learning outcomes at methodological seminars of the department, faculty, institute (Deadline: 01.09.2023);
- - to consider the possibility of organizing a permanent scientific and methodological seminar on the testing of teaching methods of EP disciplines, including with the involvement of leading national and international universities, as well as prominent public figures (Deadline: 01.09.2023);
- to consider the possibility of organizing a student seminar on the participation of students in testing methods of teaching disciplines and evaluating learning outcomes (Deadline:

01.09.2023).

The conclusions of the EEC according to the criteria: strong - 1, satisfactory-8, suggest improvements-1.



6.6. The "Students" standard

- ✓ The university must demonstrate the policy of forming a contingent of students and ensure transparency, publication of procedures regulating the life cycle of students (from admission to completion).
- ✓ The management of the EP should provide for special adaptation and support programs for newly enrolled and foreign students.
- ✓ The university must demonstrate compliance of its actions with the Lisbon Recognition Convention, including the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education.
- ✓ The university should provide an opportunity for external and internal academic mobility of students, as well as assist them in obtaining external grants for training.
- ✓ The university should encourage students to self-education and development outside the main program (extracurricular activities).
- ✓ An important factor is the availability of a support mechanism for gifted students.
- ✓ The university should demonstrate cooperation with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility/National Academic Recognition Information Centers" ENIC/NARIC in order to ensure comparable recognition of qualifications.
- ✓ The university should provide students with internship places, demonstrate the procedure for facilitating the employment of graduates, maintaining communication with them.
- ✓ The university must demonstrate the procedure for issuing graduates with documents confirming their qualifications, including the achieved learning outcomes.
- ✓ The management of the EP should demonstrate that graduates of the program have skills that are in demand in the labor market and that these skills are really relevant.
- ✓ The management of the EP should demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates.
- ✓ An important factor is the presence of an active alumni association/association.

The evidentiary part

One of the strategic goals of the Institute is to ensure the formation of a contingent of students from among the most prepared and capable of continuing education applicants. The procedure for admission of applicants to the Institute is established on the basis of the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 "On approval of Standard rules for admission to study in educational institutions implementing educational programs of higher and postgraduate education" (with amendments and additions) and is regulated by the internal regulatory document Rules for admission to the Arkalyk Pedagogical I. Altynsarin Institute (approved by the Decision of the Scientific Council of the I. Altynsarin Arctic Research Institute dated May 04, 2022|year, Protocol No. 10).

On the university's website, in the "Entrant" section, all materials reflecting the rules and procedure for admission, the characteristics of the proposed EP, the content of the entrance tests, the course of admission, the value of the passing score, etc. are posted. In the context of the pandemic, the Institute has created a virtual admission committee with open access through an online conference: <https://www.api.edu.kz/index.php/ru/applicant/virtualnaya-priemnaya-komissiya/>

According to the rules of transfer, restoration, granting academic leave to students at the Arkalyk Pedagogical Institute named after I. Altynsarin (https://www.api.edu.kz/images/files_institut/polozheniya_rus/13Pravila_perevoda_i_vosstanovleniya_obuchaiucshikhsya.pdf/), transfer or restoration is carried out during the summer and winter holidays, subject to the complete completion of the first academic period. At the same time, the student can be transferred to any form of education, to any university.

Internal regulatory documents have been developed and approved for the adaptation of students (including foreign citizens): First-year Student's Guide <https://www.api.edu.kz/index.php/ru/obuchenie/2013-09-25-06-58-01> (where information about the university, the guidelines, the rules for organizing the educational process on credit technology of education, etc.), the Program for the adaptation of foreign students (https://www.api.edu.kz/images/files_institut/ofis/). Adaptation and support of applicants and students includes the work of an adviser, curator, dean's staff, whose duties are given in job descriptions. After the formation of the contingent, in the academic calendar for the first courses, the first week is allocated for training and informing newly enrolled students of the rules of credit technology.

The university has a mechanism for recognizing previous learning outcomes, which is reflected in the developed internal regulatory document, the Regulation on the procedure for transferring academic disciplines and practices at the Arkalyk Pedagogical Institute named after I. Altynsarin

(https://www.api.edu.kz/images/files_institut/polozheniya_rus/1Polozheniye_o_poryadke_perezhacheta_uchebnykh_disciplin_i_praktik.pdf), which defines the conditions for the transfer of disciplines, the conditions for the recertification (difference) of disciplines, the procedure for registration of recertified disciplines.

Within the framework of the Academic Policy, a "Regulation on the organization of academic mobility of students of the Arkalyk Pedagogical Institute named after I. Altynsarin" was developed, approved by the Academic Council (Protocol No. 10 dated May 04, 2022). https://www.api.edu.kz/images/files_institut/polozheniya_kaz/2Akademiyalyq_utqyrlyq_turaly.pdf

On the basis of Protocol No. 10 of March 29, 2017, approved by the Academic Council, on holding a selection competition for candidates for study abroad within the framework of academic mobility to higher education institutions, a special commission is created among ArPI students applying for academic mobility for the competition. https://www.api.edu.kz/images/files_institut/Untitledru.pdf

Academic mobility agreements have been concluded with 12 universities of Kazakhstan for academic mobility.

The analysis of graduates' satisfaction with the quality of employment is carried out on the basis of a survey conducted among graduates of the institute during the year and the information received is transmitted to the relevant departments. The analysis showed that in the 2018-2019 academic year physics - 100% and computer science - 89%, in the 2019-2020 academic year physics - 100% and computer science - 86%, in the 2020-2021 academic year physics - 82% and computer science - 86%, in the 2021-2022 academic year physics - 100%, physics and computer science - 70% and computer science - 100% were employed.

In order to improve the professional activity of graduates, a satisfaction analysis is carried out. In total, 13-20 employers take part in the survey for each academic year, 46.2% of employers rated the quality of the Institute's training as "very good", 69.2% of graduates of the institute for "higher professional training" compared to other universities, 100% of employers are satisfied with the level of graduate training. According to the survey results, the level of satisfaction of employers is 76%.

Analytical part

During the analysis of the submitted documents and the results of the visit to the institute, according to the results of meetings with students, graduates and employers, the commission concluded that the university has a policy of forming a contingent of students from admission to graduation. At the same time, the WEC notes that the following issues regarding this standard are not fully reflected and were not confirmed during the visit of the WEC.

The Commission notes the insufficient academic, including external mobility of students of the EP under consideration. It is necessary to expand the range of programs and increase the number of students in the framework of academic mobility in all accredited EP.

The university has a public association "Alumni Association". Members of the Alumni Association actively participate in the policy of forming a contingent, but the work of the association, according to the VEC, is not active and EPerates formally, which is confirmed by the results of the meeting with graduates.

Students express full satisfaction with the availability of academic counseling (100%); accessibility of health services (94.8%); availability of library resources (97.1%); existing educational resources (97%); overall quality of curricula (96.3%); objectivity and fairness of teachers (94.8%).

Strengths/Best practices

- The management of the EP demonstrates that graduates of accredited PLOS have skills that are in demand in the labor market;

-The Alumni Association is functioning, the activities of the Association are documented. The main role of this structure is to communicate with the graduates of the ArcPI, to attract graduates to the activities of the institute.

Recommendations of the External Expert Commission (EEC):

- consider the possibility of develEPing a KPI mechanism to support and stimulate gifted students as an integrated factor of youth support (Deadline: 01.01.2024);

- to consider the organization of the institute of mentors, which allows to activate the work of both students and graduates of the university (Deadline: 01.01.2024).

The conclusions of th EEC according to the criteria: strong - 3, satisfactory - 9, suggest improvements - 0.

6.7. The standard "Teaching staff"

✓ The university should have an objective and transparent personnel policy in the context of the EP, including hiring (including invited teaching staff), professional growth and staff development, ensuring the professional competence of the entire staff.

✓ The university must demonstrate the compliance of the qualitative composition of the teaching staff with the established qualification requirements, the strategy of the university, the goals of the EP.

✓ The management of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning and teaching.

✓ The university should provide opportunities for career growth and professional development of teaching staff, including young teachers.

✓ The university should involve in teaching specialists of relevant industries with professional competencies that meet the requirements of the EP.

✓ The university must demonstrate the existence of a mechanism for motivating the professional and personal development of teaching staff.

✓ The university should demonstrate the wide application of teaching staff of information and communication technologies and software in the educational process (for example, on-line training, e-portfolio, MOOS, etc.).

✓ The university should demonstrate the focus of its activities on the development of academic mobility, attracting the best foreign and domestic teachers.

✓ The university must demonstrate the involvement of each teacher in promoting a culture of quality and academic integrity at the university, determine the contribution of teaching staff, including invited ones, to achieving the goals of the EP.

✓ An important factor is the involvement of teaching staff in the development of the economy, education, science and culture of the region and the country.

The evidentiary part

✓ The personnel policy of the Arkalyk Pedagogical Institute named after I. Altynsarin is reflected in the "Regulations on Personnel Policy" approved by the Academic Council of the Institute (01.09.2021). "Regulations on personnel policy" is open on the university's website https://api.edu.kz/images/files_institut/polozheniya_kaz/Kadrlыq_sayasat_turaly_erezhe.pdf

Appointment and promotion is carried out on the basis of the order of the Chairman of the Board-Rector of the Institute, taking into account the professional competence of employees and teaching staff. Vacant positions of teaching staff and researchers are occupied by competitive selection on the basis of the "Regulations on competitive replacement of positions of teaching staff and researchers — ArPI", approved by the Rector of the Institute by Protocol No. 1 of 29.01.2021.

https://api.edu.kz/images/files_institut/%D0%9F%D0%BE%D0%BB%D0%BE%D0%B6%D0%B5%D0%BD%D0%B8%D0%B5%20%D0%BE%20%D0%BA%D0%BE%D0%BD%D0%BA%D1%83%D1%80%D1%81%D0%BD%D0%BE%D0%BC%20%D0%B7%D0%B0%D0%BC%D0%B5%D1%89%D0%B5%D0%BD%D0%B8%D0%B8%20%D0%B4%D0%BE%D0%BB%D0%B6%D0%BD%D0%BE%D1%81%D1%82%D0%B5%D0%B9%20%D0%9F%D0%9F%D0%A1%20%D0%B8%20%D0%BD%D0%B0%D1%83%D1%87%D0%BD%D1%8B%D1%85%20%D1%80%D0%B0%D0%B1%D0%BE%D1%82%D0%BD%D0%B8%D0%BA%D0%BE%D0%B2.pdf

The management of the EP demonstrated awareness of responsibility for its employees and ensuring favorable working conditions for them and changing the role of the teacher in connection with the transition to student-centered learning: a rating system of remuneration and financial incentives based on its results; free access to the library fund and information resources of the institute; creating conditions for the use of computer and office equipment, technical means in training, other equipment; assistance in participation in Kazakhstan and international competitions of scientific papers and competitions for individual grants; publication of

methodological developments of employees; providing material support to undergraduates, doctoral students; awarding diplomas and commendations to the tEP management of the Institute in the field of educational and scientific activities, public work and many years of conscientious work.

The following conditions have been created for the professional development and realization of the creative needs of each category of employees of the department:

- assistance in participation in Kazakhstan and international competitions of scientific papers and competitions for individual grants;
- providing an opportunity to improve qualifications at the expense of the university in accordance with the decision of the rector's office.

In accordance with the Strategic Development Plan of the Institute for 2022-2025, advanced training courses are organized for the professional development and growth of teaching staff, which are held by teachers of the department in the new conditions of centralized training. The approved training plan for teaching staff is considered at the meeting of the EP. Every year, specialists of the HR department draw up a plan for professional development of employees and teaching staff. For transparency and accessibility of the procedure, the plan is reviewed and approved by the Academic Council (Protocol No. 1 of 29.08.2018, Protocol No. 1 of 28.08.2019, Protocol No. 1 of 26.08.2020, Protocol No. 1 of 25.08.2021 Protocol No. 1 of 31.08.2022, Protocol No. 1) is carried out on the basis of information provided by the structural divisions of the Institute and the EP.

В вузе действует система финансового стимулирования, которая выражается в виде доплат к заработной плате, отраженных в "Положении о премиях, доплатах, надбавках и других стимулирующих выплатах". Например:

Information on remuneration

№	last name, first name of the teacher	Reason for the award	order		The amount
			№	number	
<i>2018-2019 academic year</i>					
1	Umbetov A.U.	In connection with the release of the textbook	183- лс	18.09.18	94856
<i>2021-2022 academic year</i>					
1	Zhamalova S.A.	50th anniversary	143- лс	09.09.2015	91890

Financial assistance to teaching staff and employees for the reporting period.

№ п/а	Last name and first name	The basis for financial assistance	Data of the relevant order for the provision of financial assistance	The amount
<i>2018-2019 academic year</i>				
1	Venera Zhumabaevna Usmanova	In connection with the death of his mother	№38- 13.02.2019	31 146
<i>2019-2020 academic year</i>				
1	Alieva Gulim Sabitkhanovna	In connection with the death of her husband		71 673
<i>2020-2021 academic year</i>				
2	Shongalova Kamar Serikbayevna	In connection with the death of his father and mother	№140- 01.09.2021	204 190

The management of the EP ensures the completeness and adequacy of the indicative work plans of the teaching staff for all types of activities, monitoring the effectiveness and efficiency

of the indicative plans, evidence of teachers' fulfillment of all types of planned workload has been demonstrated. The workload of the teaching staff of the EP includes educational, methodical, scientific, organizational and methodological work, improving professional competence. Educational and methodological complexes have been developed in all disciplines.

The university demonstrated its activities to attract the best foreign and domestic teachers. For example, on November 19-29, 2018, Ph.D., Professor of the Krasnoyarsk State Pedagogical University named after V.P.Astafiev Larin S.V. (Krasnoyarsk) conducted a course for teachers and students of physics and mathematics on the tEPic "Computer animation in physics and mathematics". December 8-18, 2018, PhD, Professor of the Krasnoyarsk State Pedagogical University named after V.P.Astafiev M.V.(G. Krasnoyarsk) conducted a course for teachers and students of the EP in physics and mathematics on the tEPic "The use of LEGO mindstorms and GeoGebra in the educational process." In November 2019, scientists from Smolensk State University, PhD, Associate Professor Maximova N.A. and PhD, Associate Professor Samarina A.E. conducted a month-long course on "Educational robotics and STEM education" among the teaching staff and students of 2-3 courses. From 22.11.21 to 10.12.21 Ph.D., Senior Researcher at the Institute of Mathematics and Computing Center of the Russian Academy of Sciences Ufa (Ufa, Bashkortostan, Russia) Valeev Nurmukhamet Fuatovich conducted a course for teachers and students of the EP on the tEPics "Mathematical and computer modeling", "Computer architecture".

The university pays special attention to the development of corporate culture and corporate spirit. In this regard, an important place is occupied by the participation of teaching staff in all socially significant events held at the institute, the city and the region.

Analytical part

During the visit, the experts of the VLEK established according to this standard that there is a low level of academic mobility at the department, which may lead to a lack of access to the resources of third-party higher education institutions.

In this regard, the management of the EP needs to increase the level of academic mobility of teaching staff, in particular, to provide alternative models for organizing outgoing internal academic mobility of teaching staff, it is necessary to participate in competitions for financing research projects on the specifics of the EP.

The management of the EP does not sufficiently present an action program aimed at developing human resources, especially young teaching staff, with specific examples and indicators for monitoring.

Strengths:

- *the university demonstrates the widespread use of ICT teaching staff and software in the educational process.*

Recommendations of the External Expert Commission (EEC):

- *consider the possibility of supplementing the university's KPI system with a separate category of "Young" teachers, both preparing for the defense of dissertations and successfully defending them (Deadline: 01.09.2024);*

- *develop a plan to attract teaching staff of national and foreign universities to conduct lectures, master classes, etc., including guest ones (Deadline: 01.09.2023).*

The conclusions of the EEC according to the criteria: strong - 1, satisfactory-8, suggest improvements-1.

6.8. Standard "Educational resources and student support systems"

- ✓ The university must ensure that the infrastructure, educational resources, including material and technical, meet the objectives of the educational program.
- ✓ The management of the EP must demonstrate the sufficiency of classrooms, laboratories and other facilities equipped with modern equipment that ensures the achievement of the goals of the EP.
- ✓ The university must demonstrate the compliance of information resources with the needs of the university and implemented EP, including in the following areas:
 - technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);
 - library resources, including the fund of educational, methodological and scientific literature on general education, basic and profile disciplines on paper and electronic media, periodicals, access to scientific databases;
 - examination of research results, graduation papers, dissertations for plagiarism;
 - access to educational Internet resources;
 - functioning of WI-FI on its territory.
- ✓ The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, publishing the results of the research work of teaching staff, staff and students.
- ✓ The university should strive to ensure that the educational equipment and software used for the development of educational programs are similar to those used in the relevant sectors of the economy.
- ✓ The management of the EP should demonstrate the availability of support procedures for various groups of students, including information and counseling.
- ✓ The management of the EP should show the availability of conditions for the advancement of the student along an individual educational trajectory.
- ✓ The university should take into account the needs of various groups of students (adults, working, foreign students, as well as students with special educational needs).
- ✓ The university must ensure that the infrastructure meets the security requirements.

The evidentiary part

To support students in realizing their educational needs, the Institute has academic services: a registrar office and a student service center, which are structural divisions of the Institute and are headed by the Vice-rector for Academic and Scientific Work. Accounting provides services in the form of tuition fees and consultations on other financial issues. Medical care and first aid at the Institute are carried out by three medical centers, which are structural divisions of the institute, a paramedic and a nurse are considered in the staffing table. Medical centers are located in the main academic building and the student dormitory. Indicators of the material and technical equipment of the educational process are a characteristic of the potential of the Institute and a guarantee of its sustainability. The Institute carries out a set of measures to form a modern material base, information space and effectively developed communication infrastructure, as well as the introduction of new forms and methods of providing educational services based on modern information technologies. The issues of material, technical and informational support of the educational process over time were considered in a report form at the meetings of the EP and the Academic Council of the Institute (at the meetings of the EP: Protocol № 1 of 28.08.2018; Protocol № 1 of 28.08.2019; Protocol № 1 of 27.08.2020; Protocol № 1 of 03.09.2021, Protocol № 1 of 06.09.2022).

Table 14. Working area of the university

Academic building No. 1 (located on Auelbekova, 17str)	11375,4 sq.m
--	--------------

Academic building No. 2 (located at 91 Sh.Zhanibek str)	2089,0sq.m
Dormitory No. 1 (located at Kayyrbekova, 11 str)	3085,2sq.m
Dormitory No. 2 (located at 48 R.Mayasova str)	4773,5sq.m
Training workshops: carpentry workshop art and design workshop	100,9sq.m 36,9sq.m
Sports and recreation complex	2241,08sq.m
Library Information Complex	721,7sq.m
A food hall with a total area in the educational building №1	95,1sq.m
House of students №2	111,8sq.m

For high-quality training of specialists, ArPI has an information library complex, including reading rooms, an electronic resource center, a media center with a video line, multimedia classroom complexes, etc. The information and communication corporate network of the Institute includes 362 computers, all of which have access to the Internet. The information-complex of the ArPI library is developing in accordance with the strategic tasks facing the university. The total area of the library building is 627.2 sq.m., the book storage area is 108.7 sq. m., the subscription area is 151.9 sq. m.

Provision of educational, methodical and scientific literature in the context of EP

№	Specialization	Textbooks	Educational, methodical, scientific	Total
1	6B01501 Mathematics	13691	6344	20035
2	6B01502 Physics	12970	6165	19135
3	6B01507 Mathematics and Physics	13734	6106	19840
4	6B01508 Mathematics and Informatics	13702	6120	19822
5	6B01509 Physics and Informatics	15017	6508	21525
6	6B01503 Informatics	16132	6404	22536
7	6B01513 Informatics, information and communication technologies and robotics	15418	6974	22392

The provision of educational and methodological literature on digital media for the disciplines of the EP is 100%. The data in the context of specialties are given in the table.

Table 16. Provision of specialties with teaching materials on electronic and magnetic media

№	Name of specialties	Number of disciplines	Number of disciplines provided by the teacher-method. materials on digital media	% security
1	Mathematics	48	48	100
2	Mathematics and Physics	49	49	100
3	Mathematics and Informatics	47	47	100

The university strives to create conditions for the implementation of educational programs and conducting research based on the results of monitoring the satisfaction of students, teachers, employees and other stakeholders with the quality of educational resources and the student support system. Teachers rated the support of the university and its management of research initiatives, encouragement of innovative activity of teaching staff as very good 60.9%, as good - 34.8%, the level of ability of teaching staff to combine teaching with scientific research as very good – 52.2%, good – 39.1%.

All the buildings of the Institute have an internal water supply and sewerage system, electricity, heating, ventilation and air conditioning, telephony, and are connected to urban communication networks. Artificial lighting of classrooms, laboratories and classrooms complies with current regulations.

The share of respondents who answered in the affirmative to the question "Are you satisfied with the material and technical condition, the quality of food in the dining room and the conditions in the student dormitory" in the 2022-2023 academic year was more than 91%.

Analytical part

The external expert commission confirms the availability of student support systems, including support through the institute's website. During meetings with students and teaching staff, it was revealed that, unfortunately, most do not have financial opportunities for training, internships, advanced training at leading universities in the world, so it is advisable to involve students and teaching staff more widely in the best online courses.

As a result of a visual inspection of the facilities of the material base, the members of the external expert commission were convinced that in order to ensure the educational process and conduct scientific research of accredited educational programs, the institute has the necessary educational and material assets. The buildings and structures of the Institute comply with the current sanitary standards and fire safety requirements.

Strengths:

Missing

Recommendations of the External Expert Commission (EEC):

- The management of the EP should develop an Information policy regulating the updating of information in three languages (Kazakh, Russian, English) on the university's website, reflecting the availability of the EP for foreign citizens (Deadline: 01.03.2024).

- the university management should develop a Plan for the development of scientific activities at the institute, including taking into account the development of the material and technical base, as well as mechanisms for supporting and stimulating the scientific activities of teaching staff. (Deadline: 01.09.2025). The management of the EP should ensure the implementation of the Plan within the stipulated time frame.

Conclusions of the external expert commission by criteria: strong- 0, satisfactory-12, suggest improvements -1.

6.9. The standard "Informing the public"

✓ *The university guarantees that the published information is accurate, objective, up-to-date and reflects all the activities of the university within the framework of the educational program.*

✓ *Public awareness should include support and explanation of the national development programs of the country and the system of higher and postgraduate education.*

✓ *The management of the university should use a variety of ways to disseminate information (including mass media, web resources, information networks, etc.) to inform the general public and interested persons.*

✓ *Information about the educational program is objective, relevant and should include:*

✓ *the purpose and planned results of the EP, the assigned qualification;*

✓ *information and evaluation system of educational achievements of students;*

✓ *information about academic mobility programs and other forms of cooperation with partner universities, employers;*

✓ *information about the opportunities for the development of personal and professional competencies of students and employment;*

✓ *data reflecting the positioning of the EP in the market of educational services (at the regional, national, international levels).*

✓ *An important factor is the publication on EP resources of reliable information about the teaching staff, in the context of personalities.*

✓ *The university must publish on its own web resource the audited financial statements on the EP.*

✓ *The university should post information and links to external resources based on the results of external evaluation procedures.*

The evidentiary part

An important factor is the publication of information about cooperation and interaction with partners, including scientific/consulting organizations. OVPO strives to carry out its activities based on the principles of transparency, openness, involvement and awareness of stakeholders.

The social role of the university also includes informing the public about the implemented programs and the expected results of the implementation of these programs, the qualifications assigned, the level of teaching, training and evaluation procedures, educational opportunities for students. The published information contains data on the success and employment of graduates, as well as the characteristics of students studying at the university at the moment. The information provided by the university is objective and accessible to students.

The main channel for informing the public and interested persons is the media, social networks and the official website of the Institute. There is information about educational programs on the pages of the above-mentioned social networks.

The Alumni Association carries out its activities. Graduates interact with the university on a regular basis.

Informing the public on issues of current scientific research is carried out through participation in the work of public, scientific forums and establishing contacts with these public associations, departments of local executive bodies, etc. Taking into account the specifics of the city and the region, close cooperation is carried out between educational organizations, executive bodies and the institute

The university provides information to the public about its activities, conditions and features of the implementation of educational programs. The university uses a variety of ways to disseminate information, including social networks. Daily news, photos and videos are available on the Institute's website: api.edu.kz Facebook Instagram, Twitter, Telegram. videos are posted

on Youtube, as well as published on social networks Facebook, Instagram, Telegram. The Youtube channel of the Arkalyk Pedagogical Institute (@user-ch8wo8gx5h1) is popular, the number of its subscribers is 73 thousand. Subscribers and contains 785 videos. The channel was registered on January 8, 2014. The total number of views is more than 290 thousand. The channel publishes both informational materials and educational lectures. Articles about the university and announcements on the conditions of admission of applicants are published annually in the newspapers "Kostanay news", "Kostanay tany", "Arqalyq habary", broadcast on the channels of the regional TV channels "Arka Didary", "Kazakhstan-Kostanay", "Alau".

The purpose of informing the public is to form a positive image of the institute in the external environment, establish and maintain cooperation with all interested parties by informing the general public about the various activities of the institute.

The management of the Institute uses a variety of ways to disseminate information – this is the institute's website, newsletters, interaction with embassies and representative offices of foreign countries, briefings, round tables and conferences held by the management, EPen days, job fairs at the university, meetings with graduates. Teaching staff and university staff are involved in carrying out activities at the regional level, including in explaining and supporting government initiatives and programs.

The Institute and educational programs of the accredited cluster take part in national ratings.

Analytical part

The VEC notes that in the field of information dissemination policy, ArPI demonstrates a policy of transparency, openness, involvement of applicants, employers, participants in the educational process and all interested persons in informing the public, constant development and adaptability to the changing realities of society.

The VEC notes the openness of the institute and the willingness to provide objective information to external stakeholders.

At the same time, experts, in connection with the creation of a new professional standard of a teacher and the revision of the national register of educational programs, note the need to supplement the objective information provided on the website about changes in the EP, the implementation of plans for the development of educational programs, discussion and revision of the strategy, the planned goals of the EP and learning outcomes, compliance with the EP professional standards, as well as information about Teaching staff, courses, publications, and their scientific interests.

Strengths/Best practices

- informing the public is carried out by posting information on the official website of the institute, in social networks, regional and republican media;
- availability of a stable functioning Youtube channel;
- availability of information policy;
- participation in regional events of teaching staff and university employees.

Recommendations of the External Expert Commission (EEC):

- to consider updating the Information Policy and determining related performance indicators for tEP management, teachers and employees (Term: until 01.01.2024);
- to develop, in the context of strategic documents, a plan of interaction with the public in the context of the implementation of state programs (Deadline: until 01.09.2024);
- continue publication of financial statements with confirmation of their auditing (Term: permanent);

The conclusions of the VEC according to the criteria: strong - 0, satisfactory - 10, suggest improvements - 0.

(VII) OVERVIEW OF STRENGTHS/BEST PRACTICES FOR EACH STANDARD***Standard "Educational program Management"***

- there is direct access to the personal page of the rector's website
- - regular meetings of the Institute's top management with students on all issues of concern and emerging situations are organized;
- the established institution of curatorship should be particularly noted

The standard "Information Management and reporting"

- the presence of a system of permanent offline and digital channels for transmitting information;
- systematic use of processed, adequate information to improve the internal quality assurance system;
- there is a system of regular reporting reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research;
- the availability of a mechanism for communication with students, employees and other interested parties, including the availability of conflict resolution mechanisms;
- measuring the degree of satisfaction with the needs of teaching staff, staff and students within the framework of the EP.

The standard "Development and approval of the educational program"

- the management of the OP regularly conducts external examinations of the OP

There is no standard "Continuous monitoring and periodic evaluation of educational programs"

Missing

The standard "Student-centered learning, teaching and assessment of academic performance"

- evaluators regularly improve their qualifications and possess modern methods of evaluating learning outcomes.
- the management of the educational program demonstrates support for the autonomy of students with simultaneous guidance and assistance from the teacher.

The "Students" standard

- - the management of the OP demonstrates that graduates of accredited PLOS have skills that are in demand in the labor market;
- The Alumni Association is functioning, the activities of the Association are documented. The main role of this structure is to communicate with the graduates of the ArcPI, to attract graduates to the activities of the institute.

The standard "Teaching staff"

- the university demonstrates the widespread use of ICT teaching staff and software in the educational process.

There is no standard "Educational resources and student support systems"

Missing

The standard "Informing the public"

- informing the public is carried out by posting information on the official website of the institute, in social networks, regional and republican media;

- availability of a stable functioning Youtube channel;
- availability of information policy;
- participation in regional events of teaching staff and university employees.



(VIII) OVERVIEW RECOMMENDATIONS FOR QUALITY IMPROVEMENT***The standard "Management of the educational program"***

- the management of the educational institution to consider the inclusion in the development strategy of the educational institution of the issues of the introduction of innovative scientific research in connection with teaching (Deadline: 01.09.2023);
- the management of the university to update the regulatory documentation for the formation and revision of the development plan of the OP, indicating the mechanisms for attracting stakeholders (Deadline: 01.09.2023);
- the management of the university and the OP to consider the possibility of including the risk management procedure in the development strategy of the OP (Deadline: 01.01.2024)

Information Management and Reporting Standard

- consider the possibility of designing and filling a database with information on quality assurance (questionnaires, surveys, etc.) for a period of at least three years, indicating recommendations for the management of the OP (Deadline: 01.09.2024);
- to develop a local act defining the frequency, forms and methods of assessing the management of the OP, the activities of collegial bodies and structural units, senior management (Deadline: 01.01.2024);
- to carry out work on the revision and specification of the development program of the OP, taking into account changes in professional standards and other regulatory documents, including the national level (Deadline: 01.09.2023).

The standard "Development and approval of the educational program"

- to detail the local act on the development of the OP with a description of the mechanisms for attracting stakeholders (Term: 01.09.2023);
- - to analyze the possibility of providing students with the possibility of professional certification in non-pedagogical branches of professional activity, for example in the field of OT (Term: 01.09.2023);
- continue work on concluding cooperation agreements with foreign and leading national universities (Deadline: 01.01.2024).

The standard "Continuous monitoring and periodic evaluation of educational programs"

- annually at the Academic Council of the Institute to consider the monitoring plan, as well as its results with the development of recommendations for improving the OP (Term: annually);
- to develop regulations for updating information on the development and changes of the OP in open sources (Deadline: 01.01.2024).

The standard "Student-centered learning, teaching and assessment of academic performance"

- to develop a plan for discussing modern teaching methods on evaluating learning outcomes at methodological seminars of the department, faculty, institute (Deadline: 01.09.2023);
- to consider the possibility of organizing a permanent scientific and methodological seminar on testing methods of teaching the disciplines of the OP, including with the involvement of leading national and international universities, as well as prominent public figures (Deadline: 01.09.2023);
- to consider the possibility of organizing a student seminar on the participation of students in testing methods of teaching disciplines and evaluating learning outcomes (Deadline: 01.09.2023).

The "Students" standard

is to consider the possibility of developing a KPI mechanism to support and stimulate gifted students as an integrated factor of youth support (Deadline: 01.01.2024);

- to consider the organization of the institute of mentors, which allows to activate the work of both students and graduates of the university (Deadline: 01.01.2024).

The standard "Teaching staff"

is to consider the possibility of supplementing the university's KPI system with a separate category of "Young" teachers, both preparing for the defense of dissertations and successfully defending them (Deadline: 01.09.2024);

- develop a plan to attract teaching staff of national and foreign universities to conduct lectures, master classes, etc., including guest ones (Deadline: 01.09.2023).

Standard "Educational resources and student support systems"

- the management of the OP to develop an Information policy regulating the updating of information in three languages (Kazakh, Russian, English) on the university's website, reflecting the availability of the OP for foreign citizens (Deadline: 01.03.2024).

- the management of the university to develop a Plan for the development of scientific activities at the institute, including taking into account the development of the material and technical base, as well as support mechanisms and stimulating the scientific activity of teaching staff. (Deadline: 01.09.2025). The management of the OP should ensure the implementation of the Plan within the stipulated time frame.

The standard "Informing the public"

- to consider updating the Information Policy and determining related performance indicators for top management, teachers and employees (Term: until 01.01.2024);

- to develop, in the context of strategic documents, a plan of interaction with the public in the context of the implementation of state programs (Deadline: until 01.09.2024);

- continue publication of financial statements with confirmation of their auditing (Term: permanent);

(IX) REVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF THE ORGANIZATION OF EDUCATION

Considering the participation of the Institute in the Project "Strengthening the potential of pedagogical education" (KZEMP/QCBS-03) The World Bank is recommended to more actively implement the scaling process developed with the participation of foreign experts, within the framework of this project, 30 OP for teacher training.



(X) RECOMMENDATION TO THE ACCREDITATION COUNCIL

The external Expert Commission made a unanimous decision to recommend to the Accreditation Council the educational programs 6B01501-Mathematics, 6B01507-Mathematics and Physics, 6B01508-Mathematics and Computer Science of the NAO "Arkalyk Pedagogical Institute named after I. Altynsarin" to be accredited for a period of 5 years.



Appendix 1. Evaluation table "PARAMETERS OF A SPECIALIZED PROFILE"

Conclusion of the external expert commission on the results of the evaluation of the quality of educational programs 6B01501 Mathematics, 6B01507 Mathematics and Physics, 6B01508 Mathematics and Computer Science, 6B01502 Physics, 6B01509 Physics and Computer Science, 6B01503 Computer Science, 6B01513 Computer Science, Information and Communication Technologies and Robotics

№ п/п	№ п/п	Критерии оценки	Позиция организации образования			
			Сильная	Удовлетворительная	Предполагает улучшение	Неудовлетворительная
Стандарт «Управление образовательной программой»						
1	1.	The university should demonstrate the development of a goal and strategy for the development of the OP based on the analysis of external and internal factors with the broad involvement of a variety of stakeholders		+		
2	2.	The quality assurance policy should reflect the relationship between research, teaching and learning		+		
3	3.	The university demonstrates the development of a culture of quality assurance		+		
4	4.	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint/double-degree education and academic mobility		+		
5	5.	The management of the EP ensures transparency in the development of the EP development plan based on an analysis of its functioning, the real positioning of the university and the orientation of its activities to meet the needs of students, the state, employers and other interested parties		+		
6	6.	The management of the EP demonstrates the functioning of mechanisms for the formation and regular revision of the development plan of the EP and monitoring its implementation, assessing the achievement of training goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the operational		+		
7	7.	The management of the EP should involve representatives of groups of interested persons, including employers, students and teaching staff in the formation of the development plan of the EP		+		
8	8.	The management of the educational institution should demonstrate the individuality and uniqueness of the development plan of the educational institution, its consistency with national development priorities and the development strategy of the educational organization		+		

9	9.	The university must demonstrate a clear definition of those responsible for business processes within the framework of the EP, the distribution of staff duties, the differentiation of functions of collegial bodies		+		
10	10.	The management of the EP ensures coordination of the activities of all persons involved in the development and management of the EP, and its continuous implementation, as well as involves all stakeholders in this process		+		
11	11.	The management of the EP should ensure the transparency of the management system, the functioning of the internal quality assurance system, including its design, management and monitoring, and the adoption of appropriate decisions		+		
12	12.	The management of the EP should carry out risk management			+	
13	13.	The management of the educational institution should ensure the participation of representatives of interested persons (employers, teaching staff, students) in the collegial management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program		+		
14	14.	The university must demonstrate innovation management within the framework of the EP, including the analysis and implementation of innovative proposals		+		
15	15.	The management of the EP should demonstrate its openness and accessibility to students, teaching staff, employers and other interested persons	+			
16	16.	The management of the EP confirms the completion of training in educational management programs		+		
17	17.	The management of the EP should strive to ensure that the progress made since the last external quality assurance procedure is accepted во внимание при подготовке к следующей процедуре		+		
Total according to the standard			1	15	1	0
Information Management and Reporting Standard						
18	1.	The university should ensure the functioning of the information collection, analysis and management system based on modern information and communication technologies and software		+		
19	2.	The EP management demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system		+		
20	3.	The management of the EP demonstrates the existence of a reporting system reflecting the activities of all structural divisions and departments within the framework of the EP, including an assessment of their effectiveness		+		
21	4.	The university should determine the frequency, forms and methods of evaluation of the management of the EP, the activities of collegial bodies and structural units, senior management			+	

22	5.	The university must demonstrate a mechanism for ensuring the protection of information, including the identification of responsible persons for the accuracy and timeliness of information analysis and data provision		+		
23	6.	The university demonstrates the involvement of students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them		+		
24	7.	The management of the EP should demonstrate the availability of communication mechanisms with students, employees and other stakeholders, including conflict resolution		+		
25	8.	The university must ensure the measurement of the degree of satisfaction of the needs of students, teaching staff and staff within the framework of the EP and demonstrate evidence of the elimination of the detected shortcomings		+		
26	9.	The university should evaluate the effectiveness and efficiency of its activities in the context of OP		+		
		<i>The information collected and analyzed by the university within the framework of the EP should take into account:</i>				
27	10.	key performance indicators		+		
28	11.	dynamics of the contingent of students in the context of forms and types		+		
29	12.	academic performance, student achievements and expulsion		+		
30	13.	satisfaction of students with the implementation of the EP and the quality of education at the university	+			
31	14.	availability of educational resources and support systems for students		+		
32	15.	employment and career growth of graduates		+		
33	16.	Students, teaching staff and staff must document their consent to the processing of personal data		+		
34	17.	The management of the EP should help to provide the necessary information in the relevant fields of science		+		
Total according to the standard			1	15	1	0
Standard "Development and approval of the educational program"						
35	1.	The university must demonstrate the existence of a documented procedure for the development of an EP and its approval at the institutional level		+		
36	2.	The university must demonstrate compliance of the developed EP with the established goals and planned learning outcomes		+		
37	3.	The management of the EP should determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
38	4.	The university demonstrates the existence of a graduate model of an EP describing learning outcomes and personal qualities		+		
39	5.	The qualification assigned upon completion of the EP must be clearly defined, explained and correspond to a certain level of the NSC, QF-EHEA	+			

40	6.	The management of the EP should demonstrate the modular structure of the program based on ECTS, ensure that the structure of the content of the OP meets the set goals with a focus on achieving the planned learning outcomes for each graduate		+		
41	7.	The management of the EP should ensure that the content of academic disciplines and learning outcomes correspond to each other and the level of study (bachelor's, master's, doctoral)		+		
42	8.	The management of the EP must demonstrate the conduct of external examinations of the EP	+			
43	9.	The management of the EP must provide evidence of the participation of students, teaching staff and other stakeholders in the development and quality assurance of the EP		+		
44	10.	The management of the EP should demonstrate the uniqueness of the educational program, its positioning in the educational market (regional/national/international)		+		
45	11.	An important factor is the possibility of preparing students for professional certification			+	
46	12.	An important factor is the presence of joint(s) and/or double-degree EP with foreign universities			+	
Total according to the standard			2	8	2	0
The standard "Continuous monitoring and periodic evaluation of the educational program"						
47	1.	The university should ensure the revision of the structure and content of the EP, taking into account changes in the labor market, the requirements of employers and the social request of society		+		
48	2.	The university must demonstrate the existence of a documented procedure for monitoring and periodic evaluation to achieve the goal of EP and continuous improvement of EP		+		
		<i>Monitoring and periodic evaluation of the EP should consider:</i>				
49	3.	the content of the program in the context of the latest achievements of science and technology in a particular discipline		+		
50	4.	changes in the needs of society and the professional environment		+		
51	5.	workload, academic performance and graduation of students		+		
52	6.	effectiveness of student assessment procedures		+		
53	7.	needs and degree of satisfaction of students		+		
54	8.	compliance of the educational environment and the activities of support services with the goals of the EP		+		
55	9.	The management of the EP should publish information about changes to the EP, inform interested parties about any planned or taken actions within the framework of the EP		+		
56	10.	Support services should identify the needs of various groups of students and the degree of their satisfaction with the organization of training, teaching, evaluation, and mastering of the EP in general		+		
Total according to the standard			0	10	0	0
The standard "Student-centered learning, teaching and assessment of academic performance"						
57	1.	The management of the EP should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths		+		

58	2.	The management of the EP should ensure teaching on the basis of modern achievements of world science and practice in the field of training, the use of various modern teaching methods and evaluation of learning outcomes that ensure the achievement of the goals of the EP, including competencies, skills to perform scientific work at the required level		+		
59	3.	The management of the EP should determine the mechanisms for distributing the educational load of students between theory and practice within the framework of the EP, ensuring the development of the content and achievement of the goals of the EP by each graduate		+		
60	4.	An important factor is the availability of own research in the field of teaching methods of the disciplines of the EP			+	
61	5.	The university must ensure that the procedures for evaluating learning outcomes correspond to the planned results and goals of the EP		+		
62	6.	The university should ensure the consistency, transparency and objectivity of the mechanism for evaluating the results of training of the EP, the publication of criteria and methods for evaluating the results of training in advance		+		
63	7.	Evaluators should be familiar with modern methods of evaluating learning outcomes and regularly improve their skills in this area		+		
64	8.	The management of the EP should demonstrate the existence of a feedback system for the use of various teaching methods and evaluation of learning outcomes		+		
65	9.	The management of the EP should demonstrate support for the autonomy of students with simultaneous guidance and assistance from the teacher	+			
66	10.	The management of the EP must demonstrate the existence of a procedure for responding to complaints from students		+		
Total according to the standard			1	8	1	0
The "Students" standard						
67	1.	The university must demonstrate the policy of forming a contingent of students and ensure transparency, publication of procedures regulating the life cycle of students (from admission to completion)		+		
68	2.	The management of the EP should provide for special adaptation and support programs for newly enrolled and foreign students		+		
69	3.	The university must demonstrate compliance of its actions with the Lisbon Recognition Convention, including the existence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education		+		
70	4.	The university should provide an opportunity for external and internal academic mobility of students, as well as assist them in obtaining external grants for training		+		
71	5.	The university should encourage students to self-education and development outside the main program (extracurricular activities)	0			
72	6.	An important factor is the availability of a support mechanism for gifted students		+		

73	7.	The university should demonstrate cooperation with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility/National Academic Recognition Information Centers" ENIC/NARIC in order to ensure comparable recognition of qualifications		+		
74	8.	The university should provide students with internship places, demonstrate the procedure for facilitating the employment of graduates, maintaining communication with them		+		
75	9.	The university must demonstrate the procedure for issuing graduates with documents confirming their qualifications, including the achieved learning outcomes.		+		
76	10.	The management of the EP should demonstrate that graduates of the program have skills that are in demand in the labor market and that these skills are really relevant	0			
77	11.	The management of the EP should demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates		+		
78	12.	An important factor is the presence of an active alumni association/association	+			
Total according to the standard			3	9	0	0
Standard "Teaching staff"						
79	1.	The university should have an objective and transparent personnel policy in the context of the EP, including hiring (including invited teaching staff), professional growth and staff development, ensuring the professional competence of the entire staff		+		
80	2.	The university must demonstrate the compliance of the qualitative composition of the teaching staff with the established qualification requirements, the university's strategy, and the goals of the EP		+		
81	3.	The management of the EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning and teaching		+		
82	4.	The university should provide opportunities for career growth and professional development of teaching staff, including young teachers		+		
83	5.	The university should involve in teaching specialists of relevant industries with professional competencies that meet the requirements of the EP		+		
84	6.	The university must demonstrate the existence of a mechanism for motivating the professional and personal development of teaching staff		+		
85	7.	The university should demonstrate the wide application of teaching staff of information and communication technologies and software in the educational process (for example, on-line training, e-portfolio, MOOS, etc.)	+			
86	8.	The university should demonstrate the focus of its activities on the development of academic mobility, attracting the best foreign and domestic teachers			+	

87	9.	The university must demonstrate the involvement of each teacher in promoting a culture of quality and academic integrity at the university, determine the contribution of teaching staff, including invited ones, to achieving the goals of the EP		+		
88	10.	An important factor is the involvement of teaching staff in the development of the economy, education, science and culture of the region and the country		+		
Total according to the standard			1	8	1	0
Standard "Educational resources and student support systems"						
89	1.	The university must ensure that the infrastructure, educational resources, including material and technical, meet the objectives of the educational program		+		
90	2.	The management of the EP must demonstrate the sufficiency of classrooms, laboratories and other facilities equipped with modern equipment to ensure the achievement of the goals of the OP		+		
		<i>The university must demonstrate the compliance of information resources with the needs of the university and implemented EP, including in the following areas:</i>				
91	3.	technological support of students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs)		+		
92	4.	library resources, including the fund of educational, methodological and scientific literature on general education, basic and profile disciplines on paper and electronic media, periodicals, access to scientific databases		+		
93	5.	examination of research results, graduation papers, dissertations for plagiarism		+		
94	6.	access to educational Internet resources		+		
95	7.	functioning of Wi-Fi on its territory		+		
96	8.	The university must demonstrate that it creates conditions for conducting scientific research, integrating science and education, publishing the results of research work of teaching staff, staff and students			+	
97	9.	The university should strive to ensure that the educational equipment and software used for the development of educational programs are similar to those used in the relevant sectors of the economy		+		
98	10.	The management of the EP should demonstrate the existence of support procedures for various groups of students, including information and counseling		+		
99	11.	The management of the EP should show the availability of conditions for the advancement of the student along an individual educational trajectory		+		
100	12.	The university should take into account the needs of different groups of students (adults, working, foreign students, as well as students with special educational needs)		+		
101	13	The university must ensure that the infrastructure meets the security requirements		+		
Total according to the standard			0	12	1	0
The standard "Informing the public"						
102	1.	The university guarantees that the published information is accurate, objective, up-to-date and reflects all the activities of the university within the framework of the educational program		0		

103	2.	Public awareness should include support and explanation of the national development programs of the country and the system of higher and postgraduate education		+		
104	3.	The management of the university should use a variety of ways to disseminate information (including mass media, web resources, information networks, etc.) to inform the general public and interested persons		+		
		<i>Information about the educational program is objective, relevant and should include:</i>				
105	4.	the purpose and planned results of the EP, the assigned qualification		+		
106	5.	information and evaluation system of educational achievements of students		+		
107	6.	information about academic mobility programs and other forms of cooperation with partner universities, employers		+		
108	7.	information about the opportunities for the development of personal and professional competencies of students and employment		+		
109	8.	data reflecting the positioning of the EP in the market of educational services (at the regional, national, international levels)		+		
110	9.	An important factor is the publication on open resources of reliable information about the teaching staff, in the context of personalities		+		
111	10.	The university must publish on its own web resource the audited financial statements on the EP		+		
112	11.	The university should post information and links to external resources based on the results of external evaluation procedures		+		
113	12.	An important factor is the placement of information about cooperation and interaction with partners, including scientific/consulting organizations, business partners, social partners and educational organizations, социальными партнерами и организациями образования		+		
Total according to the standard			0	12	0	0
TOTAL			9	97	7	0

Appendix 2. THE PROGRAM OF THE VISIT TO THE EDUCATIONAL ORGANIZATION PROGRAM

**VISIT OF THE EXTERNAL EXPERT COMMISSION
INDEPENDENT AGENCY OF ACCREDITATION AND RATING (UAA)
IN THE NAO "Arkalyk Pedagogical Institute named after I. Altynsarin"
(SPECIALIZED ACCREDITATION)**

Date of the visit: April 3 – 5, 2023

Date of arrival of experts: April 2, 2023

The program was developed taking into account the time of Arkalyk

Date and time	EEC work with target groups	Position and Surname, First name, Patronymic of target group members	Contact form
"02" April 2023			
15.00-16.00 <i>Astana time</i>	Preliminary meeting of the EEC	<i>External IAAR experts</i>	Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
"02" April 2023			
<i>On schedule during the day</i>	Arrival of members of the External Expert Commission		Hotel
April 03, 2023			
08.30-09.00 <i>Astana time</i>	Transfer from the hotel to the Institute	<i>External experts IAAR, coordinator from the Institute</i>	Hotel-Institute
09.00 00-09.15 – <i>Astana time</i>	Distribution of responsibility of experts, solution of organizational issues	<i>External IAAR experts</i>	Conference hall Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
09.15–09.45	And an interview with the rector	Amirbekuly Yerzhan - Chairman of the Board - Rector	Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
09.45-10.00	Technical break		
10.00-10.40	Meeting with the vice-rector	Antaeva Almagul Sapargalievna - Vice-Rector for Academic Affairs	Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
10.40-10.50	Technical break		

<p>10.50-11.30</p>	<p>Meeting with the heads of structural divisions of the NGO</p>	<p>Zhumabayeva Saniya Bakytzhanovna - head of the office of academic programs, methodological and scientific work; Shaymenova Lyazzat Serikovna - head of the registrar's office; Abilkairova Aliya Serkebaevna - acting Head of the Human Resources and Documentation Service; Buribaev Sembek Argynbaevich - chief accountant; Batyrova Zulfiya Nikolaevna - Head of the Center for Social Issues and Youth Policy; Atygaev Zhanat Maratovich - Head of the Center for Information Technologies and Software; Amirbekov Orazbek Amirbekuly - head of editorial and design department; Makhina Sarsenkul Kuandykovna - director of the information and complex library; Zharkimbaev Bakhytbek Zhanalinovich - head of the administrative and economic department</p>	<p>Conference hall</p> <p>Join a Zoom meeting https://us02web.zoom.us/j/6813032588</p> <p>Conference ID: 681 303 2588</p>
<p>11.30-11.45</p>	<p>Technical break</p>		
<p>11.45-12.30</p>	<p>Interviews with deans and heads of the PLO</p>	<p>Yeskermesuly Alibek - Dean of the Faculty of Natural Science and Informatization; Sabitbekova Gulmira-Head of EP 6B011016B01501 Mathematics, 6B01507 Mathematics and Physics, 6B01508 Mathematics and Informatics ; Tulegenova Anar Kabdygalievna - head of EP 6B01502 Physics, 6B01509 Physics and Informatics; Baizakova Saule Svyazkhanovna- Head of EP 6B01503 Informatics, 6B01513 Informatics, information and communication technologies and robotics; Kemelbayeva Akgul</p>	<p>Conference hall</p> <p>Join a Zoom meeting https://us02web.zoom.us/j/6813032588</p> <p>Conference ID: 681 303 2588</p>

		<p>Kuandykovna-Head of EP 6B01504 Chemistry, 6B01510 Chemistry and Biology, 6B01505 Biology;</p> <p>Kalkashev Sagyngali Gabiziyatovich - Head of EP 6B01512 Biology and Geography, 6B01506 Geography, 6B01511 Geography and History</p>	
12.30-13.00	EEC work	<i>External IAAR experts</i>	<p>Conference hall</p> <p>Zoom meeting https://us02web.zoom.us/j/6813032588</p> <p>Conference ID: 681 303 2588</p>
13.00-14.00	<i>Dinner</i>		
14.00-14.15	Technical break		
14.15-15.00	Interview with the teaching staff of the PLO	<p><u>Application No. 1</u></p> <p><u>Cluster 1,2.</u></p> <p><u>Cluster 3,4.</u></p>	<p>Cluster 1,2 - auditorium No. 205 , main building</p> <p>Cluster 3,4 - room number 304 , main building</p> <p>Join a Zoom meeting https://us02web.zoom.us/j/6813032588</p> <p>Conference ID: 681 303 2588</p>
15.00-15.15	Technical break		
15.00-16.00	Questioning of teaching staff (in parallel)	<p><u>Application No. 2</u></p> <p><i>All teachers of assessed EP VA, MA, PhD</i></p>	The link is sent to the teacher's e - mail personally
15.15-16.00	Interviews with PLO students	<p><u>Application No. 3</u></p> <p><u>Cluster 1,</u></p> <p><u>Cluster 2.</u></p> <p><u>cluster3,</u></p> <p><u>Cluster 4.</u></p>	<p>Cluster 1 - room number 514 , main building</p> <p>Cluster 2 - auditorium No. 205 , main building</p> <p>Cluster 3 - auditorium No. 505 , main building</p> <p>Cluster 4 - room number 304 , main building</p> <p>Join a Zoom meeting https://us02web.zoom.us/j/6813032588</p> <p>Conference ID: 681 303 2588</p>
16.00-17.00	Questionnaire of students (in parallel)	<p><u>Application No. 4</u></p> <p><i>All students of assessed EP VA, MA, PhD</i></p>	The link is sent to the student's e - mail personally
16.00-18.00	Visual inspection of the TOE	<i>According to itineraries</i>	

18.00-19.00	Work of the EEC discussion of the results of the first day	<i>External IAAR experts</i>	Conference hall Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
19.00-20.00	Dinner	<i>External IAAR experts</i>	Hotel
Day 2: April 04, 2023			
08.30-09.00 <i>Astana time</i>	Transfer from the hotel to the Institute	<i>External experts IAAR, coordinator from the Institute</i>	Hotel -Institute
09.00-09.15 –	EEC work	<i>External IAAR experts</i>	Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
09.15-10.50 –	Scheduled Class Attendance (Appendix: Class Links)	<i>According to the timetable</i>	
10.50-11.30	Meeting with representatives of practice bases and employers	<u><i>Appendix 5</i></u>	Auditorium No. 205, main building Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
11.30-11.40	Technical break		
11.40-12.20	Interviews with PLO Alumni	<u><i>Appendix 6</i></u>	Auditorium No. 205, main building Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
12.20-13.00	Working with department documents (<i>documents must be uploaded to the cloud by clusters in advance</i>) <i>Parallel</i>		Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
13.00-14.00	Dinner		
14.00-14.15	Technical break		
14.15-16.15	Visiting the practice bases of the EP	<i>According to itinerary</i>	

16.15-17.00	EEC work, discussion of the results of the second day and profile parameters	<i>External IAAR experts</i>	Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
17.00-17.15	Technical break		
17.00-18.00	EEC work, discussion of the results of the second day and profile parameters (<i>recording is ongoing</i>)	<i>External IAAR experts</i>	Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
18.30-19.30	Dinner	<i>External IAAR experts</i>	Hotel
Day 3: April 05 , 2023			
08.30-09.00 <i>Astana time</i>	Transfer from the hotel to the Institute	<i>External experts IAAR, coordinator from the Institute</i>	Hotel-Institute
09.00-10.00	The work of the EEC development and discussion of recommendations (<i>recording</i>)	<i>External IAAR experts</i>	Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
10.00-10.20	Technical break		
10.20-12.30	The work of the EEC discussion, decision-making by voting (<i>recorded</i>)	<i>External IAAR experts</i>	Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
12.30-13:00	Final meeting of the EEC with the leadership of the university		Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
13.00-14.00	Dinner		
14.00-15.00	Work of the EEC, Discussion of the results of the quality assessment	<i>External IAAR experts</i>	Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588
15.00-15.15	Technical break		
15.15-18.00	Work of the EEC, Discussion of the results of the quality assessment	<i>External IAAR experts</i>	Conference hall Join a Zoom meeting https://us02web.zoom.us/j/6813032588 Conference ID: 681 303 2588

Appendix 3. RESULTS OF THE SURVEY OF teaching STAFF

Total number of questionnaires: 23

2. Position

Professor	
Associate Professor/Associate Professor	
Senior Lecturer	73,9
Teacher	17,4
Head of the Department	8,7
Other	

3. Academic degree, academic title

Honored Worker	
Doctor of Sciences	
Candidate of Sciences	
Master	82,6
PhD	8,7
Professor	
Associate Professor/Associate Professor	4,3
No	4,3
Others	

4. Work experience at this university

Less than 1 year	
1 year – 5 years	13
Over 5 years	87
Other	

No	Questions	Very good	Good	Relatively	bad Bad	Very bad	Not answered
1	To what extent does the content of the educational program meet your scientific and professional interests and needs?	78,3	21,7				
2	How do you assess the opportunities provided by the University for the professional development of teaching staff	65,2	34,8				
3	How do you assess the opportunities provided by the University for the career growth of teaching staff	73,9	26,1				
4	How do you assess the degree of academic freedom of the faculty	56,5	43,5				
	To what extent can teachers use their own						
5	• Learning strategies	91,3	8,7				
6	• Teaching methods	91,3	8,7				

7	• Educational innovations	73,9	26,1				
8	How do you assess the work on the organization of medical care and disease prevention at the university?	69,6	26,1	4,3			
9	What attention is paid by the management of the educational institution to the content of the educational program?	73,9	26,1				
10	How do you assess the sufficiency and availability of the necessary scientific and educational literature in the library?	52,2	43,5	4,3			
11	Assess the level of conditions created that take into account the needs of different groups of students?	43,5	56,5				
	Evaluate the openness and accessibility of the management						
12	• Students	69,6	30,4				
13	• teachers	69,6	30,4				
14	Evaluate the involvement of the teaching staff in the process of making managerial and strategic decisions	65,2	34,8				
15	How is the innovative activity of teaching staff encouraged?	65,2	34,8				
16	Evaluate the level of feedback between the teaching staff and the management	69,6	26,1	4,3			
17	What is the level of stimulation and involvement of young professionals in the educational process?	65,2	30,4	4,3			
18	Evaluate the opportunities created for professional and personal growth for each teacher and employee	56,5	43,5				
19	Assess the adequacy of the recognition by the university management of the potential and abilities of teachers	60,9	30,4	8,7			
	How the job is set						
20	• Academic mobility	47,8	47,8	4,3			
21	• Professional development of teaching staff	69,6	26,1	4,3			
	Appreciate the support of the university and its management						
22	• Research initiatives of the Faculty	60,9	34,8	4,3			
23	• * Development of new educational programs/academic disciplines/teaching methods	82,6	17,4				
	Evaluate the level of faculty's ability to combine teaching						
24	• With scientific research	52,2	39,1	8,7			
25	• With practical activities	69,6	30,4				
26	Evaluate how students' knowledge obtained at the university corresponds to the realities of the requirements of the modern labor market	87	13				
27	How does the management and administration of the university perceive criticism in their address?	43,5	52,2	4,3			
28	Evaluate how much your academic load meets your expectations and capabilities?	47,8	52,2				
29	Evaluate the focus of educational programs /	69,6	30,4				

	training programs on the formation of students' skills and abilities to analyze the situation and make forecasts?						
30	Evaluate how much the educational program in terms of content and quality of implementation meets the expectations of the labor market and employers	69,6	30,4				

Why do you work at this university?

Honesty, openness

Oz tugan jerime service menin mindetim. Because this university is bitirdim.

I am a graduate of an institute whose goal is to give young people a quality education

Suitable hourly workload, transparency, career growth, employee support

Become a nation in your own country until you become a sultan in another country!!!

My readable golden nest. I am a native of the land of the Holy Sparrow

A very good team at the university..

Salary

I like the team, there is an opportunity for career growth here

I studied at this institute myself

I wanted to become a teacher

Like

Arspi provides quality education

I am a graduate of this institute. The main attention is paid to quality education, upbringing

By place of residence

Education for future youth serving at the university around surprises

I came on a voucher

as I live in the city of Arkalyk

Contribute to the development of the local urban population and future generations

I am a graduate of this university. I like the city.

I live in this region

career growth, openness, honesty

32. How often are master classes and classes with the participation of practitioners held as part of your course?

Very often	often	someti mes	Very rarely	never
39,1	43,5	17,4		

33. How often do invited teachers (domestic and foreign) participate in the learning process?

Very often	often	someti mes	Very rarely	never
4,3	69,6	26,1		

34. How often do you encounter the following problems in your work: (please give an answer in each line)

Questions	often	sometimes	never	No answer
Lack of classrooms	13	17,4	69,6	

Unbalanced academic load by semester	8,7	26,1	65,2	
Unavailability of necessary literature in the library	4,3	52,2	43,5	
Overcrowding of study groups (too many students in a group)	4,3	26,1	69,6	
Inconvenient schedule	26,1	73,9		
Inappropriate conditions for classes in classrooms	4,3	21,7	73,9	
Lack of Internet access/weak internet	8,7	47,8	43,5	
Students' lack of interest in learning		43,5	56,5	
Untimely receipt of information about events		13	87	
Lack of technical training facilities in classrooms	4,3	39,1	56,5	
Other problems	No problems No There were no problems Marcel turgagan jock There were no problems There are no other problems. No problems Jock No problems There were no serious problems there are no other problems No No No			

35. There are many different sides and aspects in the life of the university that affect every teacher and employee in one way or another. Rate how satisfied you are:

Questions	Fully satisfied 1	Fully satisfied (2)	Not satisfied (3)	I find it difficult to answer (4)
The attitude of the university management towards you	82,6	13		4,3
Relations with direct management	87	13		
Relations with colleagues at the department	91,3	4,3		4,3
The degree of participation in management decision-making	82,6	17,4		
Relations with students	100			
Recognition of your successes and achievements by the administration	78,3	21,7		
Support for your suggestions and comments	82,6	13		4,3

Activities of the university administration	95,7	4,3		
Terms of remuneration	78,3	13	4,3	4,3
Working conditions, list and quality of services provided at the university	73,9	26,1		
Occupational health and safety	78,3	21,7		
Managing changes in the university's activities	82,6	17,4		
By providing a social package: rest, sanatorium treatment, etc.	43,5	39,1	8,7	8,7
Organization and quality of nutrition at the university	78,3	13	8,7	
Organization and quality of medical care	78,3	21,7		



Appendix 4. RESULTS OF THE SURVEY OF STUDENTS

Total number of questionnaires: 135

Gender:

Male	28,9
Female	71,1

Rate how satisfied you are:

Questions	Completely satisfied	Partially satisfied	Partially dissatisfied	Not satisfied	I find it difficult to answer
1. Relations with the dean's office (school, faculty, department)	68,9	27,4	2,2		1,5
2. The level of accessibility of the dean's office (school, faculty, department)	63,7	34,8	1,5		
3. The level of accessibility and responsiveness of the management (university, school, faculty, department)	67,4	27,4	3		2,2
4. Availability of academic counseling	64,4	32,6	3		
5. Support of educational materials in the learning process	68,9	27,4	3,7		
6. Availability of counseling on personal problems	57,8	34,8	5,9	0,7	0,7
7. Student-teacher relationship	61,5	29,6	5,2	2,2	1,5
8. Activities of financial and administrative services of the educational institution	54,1	35,6	6,7	1,5	2,2
9. Accessibility of health services	67,4	27,4	3,7		1,5
10. The quality of medical care at the university	64,4	27,4	5,9		2,2
11. The level of availability of library resources	77,8	19,3	2,2		0,7
12. The quality of services provided in libraries and reading rooms	83,7	13,3	2,2		0,7
13. Existing educational resources of the university	72,6	24,4	2,2	0,7	
14. Availability of computer classes	64,4	25,9	8,1		1,5
15. Availability and quality of Internet resources	69,6	25,2	3,7		1,5
16. The content and information content of the website of educational organizations in general and faculties	67,4	29,6	2,2		0,7

(schools) in particular					
17. Classrooms, classrooms for large groups	63,7	27,4	4,4	3,7	0,7
18. Rest rooms for students (if available)	48,1	28,1	8,1	5,2	10,4
19. Clarity of disciplinary action procedures	65,2	30,4	3	0,7	0,7
20. The quality of the educational program as a whole	69,6	26,7	3		0,7
21. The quality of educational programs in the OP	74,1	23,7	1,5		0,7
22. Teaching methods in general	66,7	28,9	2,2		2,2
23. Quick response to feedback from teachers on the educational process	68,1	28,9	2,2		0,7
24. The quality of teaching in general	71,9	23,7	3		1,5
25. Academic load/student requirements	63	33,3	3		0,7
26. The requirements of the teaching staff to the student	66,7	28,1	3,7		1,5
27. Informational support and explanation of the admission rules and the strategy of the educational program (specialty) before entering the university	68,1	24,4	4,4	0,7	2,2
28. Informing the requirements in order to successfully complete this educational program (specialty)	73,3	24,4	2,2		
29. The quality of examination materials (tests and examination questions, etc.)	66,7	29,6	3		0,7
30. The objectivity of the assessment of knowledge, skills and other educational achievements	71,1	24,4	2,2		2,2
31. Available computer classes	70,4	24,4	3,7		1,5
32. Available scientific laboratories	60	31,9	3,7	1,5	3
33. Objectivity and fairness of teachers	61,5	33,3	3,7	1,5	
34. Informing students about courses, educational programs and academic degree	65,2	28,9	5,2		0,7
35. Providing students with a dormitory	74,1	18,5	3,7	2,2	1,5

Rate how much you agree:

Statement	Full consent	I agree	Partially agree	I don't agree	Complete disagreement	They didn't answer
33. The course program was clearly presented	63,7	29,6	5,9	0,7		
34. The course content is well structured	62,2	29,6	7,4	0,7		
35. The key terms are sufficiently explained	58,5	34,8	5,9	0,7		
36. The material proposed by the teacher is relevant and reflects the latest achievements of science and practice	63,7	30,4	5,2	0,7		
37. The teacher uses effective teaching methods	58,5	29,6	8,1	3	0,7	
38. The teacher owns the taught material	62,2	31,1	5,2	0,7	0,7	
39. The presentation of the teacher is clear	65,9	26,7	6,7	0,7		
40. The teacher presents the material in an interesting way	60	27,4	9,6	3		
41. The objectivity of the assessment of knowledge, skills and other educational achievements	63	25,2	9,6	2,2		
42. Timeliness of assessment of students' academic achievements	58,5	28,9	11,1	1,5		
43. The teacher meets your requirements and expectations of professional and personal development	57,8	32,6	9,6			
44. The teacher stimulates the activity of students	58,5	30,4	10,4	0,7		
45. The teacher stimulates the creative thinking of students	54,8	34,1	9,6	1,5		
46. The appearance and manners of the teacher are adequate	63	28,1	8,9			
47. The teacher shows a positive attitude towards students	57,8	32,6	8,9		0,7	
48. The system of evaluation of educational achievements (seminars, tests, questionnaires, etc.) reflects the content of the course	67,4	26,7	5,2	0,7		
49. The evaluation criteria used by the teacher are clear and accessible	60,7	30,4	8,1	0,7		
50. The teacher objectively evaluates the achievements of students	57,8	34,1	6,7	1,5		
51. The teacher speaks a professional language	61,5	31,9	6,7			
52. The organization of education provides sufficient opportunity for sports and other leisure activities	64,4	26,7	6,7	2,2		

Other problems relate to the quality of training:

No

No no

no

No

No problems

All right

No problem

No problems

All right

Everything is fine!!!

No education is good

I agree

It's not about anything

It would be nice if students received financial assistance when they submitted no claims to the institute.

I am satisfied

Everything is fine no problem

Well

I didn't see any other problems

Well

Oddly enough

No problems.

There is no problem with the quality of training. Everything is well explained in our academic building.

No

Jock

Modern educational methods should be used in teaching

No offers

