REPORT

on the results for work of the external expert commission for assessment
for compliance with the standards of specialized accreditation
educational programs of educational program
6B07105 "Automation and control (by industry)"
Private higher professional educational Institution
"West Kazakhstan University of Innovation and Technology"

from «19» to «20» December 2023

INDEPENDENT ACCREDITATION AND RATING AGENCY
External Expert Committee

To the
Accreditation
Council of the IAAR

REPORT
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Uralsk, 2023

(I) LIST OF SYMBOLS AND ABBREVIATIONS

AC - Academic Calendar
AIS - Automated Information System
JSC - Joint Stock Company
AIC RK - Agro industrial complex of the Republic of Kazakhstan
BD- Basic disciplines
EW - Educational Work
HVE - Higher Vocational Education
SAC - State Attestation Commission
HLD - Humanitarian and legal disciplines
SESGE - State Educational Standard of General Education
SE- State Examination
DLT - Distance Learning Technology
E&B - Ecology and Biotechnology
ECTS - European Credit Transfer System
WKITU - West Kazakh Innovative Technological University
WKB- West Kazakhstan branch
FSA - Final State Attestation
FC - Final Control
ICT - Information and communication technology
IT - Information Technologies
IEP - Individual Educational Plan
EHF- Engineering and Humanitarian faculty
SLT- Student Loan Technology
CED - Catalogue of elective disciplines
CYA - Committee on Youth Affairs
MES - Ministry of Education and Science
EB - Equipment base
RW - Research work
RWS- Research work of the student
GED - General education disciplines
EP - Educational program
GED - General Education disciplines
TS- Teaching staff
RSTL - Republican Scientific and Technical Library
RK - Republic of Kazakhstan
WSP-Work study program
QMS - Quality Management System
SSS - Student Scientific Society
IWS - Independent work of students
IWST - Independent work of students with the teacher
CEA- Civil Engineering and Architecture
MEP - Model Educational Plan

LLP - Limited Liability Partnership
EMC - Educational and Methodical Complex
EMCD - Educational and Methodical Complex of the discipline
EMC - Educational and Methodical Council
CSCRO - Customer Service Center of Registrar's Office

(II) INTRODUCTION

In accordance with the order of the Director General of the Independent Accreditation and Rating Agency dated 09/21/2023 No.107-22-OD, from December 19 to December 20, 2023, an external expert commission assessed the compliance of the educational program 6B07105 "Automation and Management (by industry)" (Uralsk) with the standards of primary specialized accreditation of the educational program of the organization of higher and postgraduate education of the NAAR (No. 68-18/1-OD dated May 25, 2018).

The report of the external expert commission (EAC) contains an assessment of the educational program according to the criteria of the NAAR standards, recommendations of the EAC for further improvement of the educational program and parameters of the profile of the educational program.

Members of EEC:

Chairman of the EEC – Tamyarov Andrey Valerievich, Candidate of Technical Sciences, Associate Professor, Ulyanovsk State Technical University (Ulyanovsk, Russia);

National expert: Serik Karataevich Zhumazhanov, Candidate of Technical Sciences, L.N. Gumilev Eurasian National University (Astana);

The employer - Yuri A. Pilipenko, Chairman of the Board of Directors, EXPOBEST International Association of Manufacturers of Goods and Services (Almaty);

Student: Malakhov Semyon Igorevich, 4th year student of the Department of Automation and Management of the M.Dulatov Kostanay University of Engineering and Economics (Kostanay);

Coordinator from IAAR – Dinara Bekenova, head of the project on accreditation of technical and vocational education organizations of IAAR (Astana).

(III) RESUME OF EDUCATIONAL INSTITUTION

West Kazakhstan Innovative and Technological University of is a multidisciplinary regional university with many years of experience in training personnel in the field of engineering, ICT, agriculture, education, services, business, etc. in West Kazakhstan region.

WKITU carries out educational activities in accordance with the state license № KZ70LAA00005828 dated September 30, 2015, issued by the Committee for Control in the sphere Education and Science the Ministry of Education and Science of the Republic of Kazakhstan. (Appendix 1).

The university structure includes the Industrial Technology Institute, the Institute of Education and Management, the Scientific Library and other departments of scientific, educational and industrial areas.

There are12 departments into the institutes that train personnel in 42 programs of Higher education and 10 programs of postgraduate education.

The number of students is 10,871, including 10,541 for Bachelor's degree and 330 for Master's degree students.

The University annually participates in national university rankings: In the National Ranking of demand for universities

– 2021, conducted by the NAAR, WKITU took the 13th position in the General Ranking of the TOP 20 universities of the Republic of Kazakhstan.

In the National Ranking of demand for universities - 2022, conducted by the NAAR, WKITU took the 15th position in the General Ranking of the TOP 20 universities of the Republic of Kazakhstan.

In the National Ranking of demand for universities - 2023, conducted by the NAAR, WKITU took the 15th position in the General Ranking of the TOP 20 universities of the Republic of Kazakhstan.

The University is provided with all academic, informational, material and technical resources for the realization of educational activities by the implemented EP.

WKITU has own 7 auditorium buildings, a vivarium, 2 student's dormitories, 3 standard gyms and 2 auxiliary halls on its balance sheet.

The information infrastructure contains about 443 PCs connected to a corporate network with Internet access, 13 Internet classrooms. There is a library with a book collection of over 734,000 units, 3 reading rooms with 420 seats and 2 subscription departments. The library informatization is carried out according to the "KABIS" programs. The library's collection is updated annually by 1-2 thousand units. The work is underway on an ongoing basis to join the unified information environment of universities in the CIS countries.

During the University activity it has trained more than 40 000 specialists for the country's economy, including deputies of the Senate and Mazhilis, employees of ministries and departments, the Heads and specialists of state-owned enterprises and private firms.

The academic process at the University is carried out by 397 teachers, including: 262 full-time teaching staff, 135 part-time teachers. Full-time teaching staff with academic degrees: 13 doctors of Sciences, 89 candidates of sciences, 9 PhD doctors. The university has 104 masters, 47 senior lecturers and 3 distinguished figures in the education sphere.

The University publishes the scientific journal "Bulletin of the WKITU".

The University's leadership system is based on the vertical principle and assumes structural distinctions in areas of activity: academic and methodological work, research work, educational work, etc.

Planning at different levels is carried out at the University. Mechanisms have been developed and monitoring of the University's activities in various spheres is being carried out.

Internal regulatory and organizational and administrative documentation allows for operational manual and distribution of office work.

The graduating department according to the accredited educational program 6B07105 Automation and Control (by industry) is the Department of Energy, Automation and Computer Engineering.

Within the framework of international scientific cooperation, a Program of creative cooperation has been developed and signed between the Department of Energy, Automation and Computer Engineering of the WKITU and the Department of Engineering Physics, Electrical Equipment and Electrical Engineering of Federal State Budgetary Educational Institution of Higher Education "Saratov State University of Genetics, Biotechnology and Engineering named after Vavilov N.I.", as well as the Departments of Electric Power Engineering and Information Systems and Information Protection of the Tambov State Technical University.

Summary of the accredited EP of Cluster 1.

The graduating department for the accredited educational program 6B07105 Automation and Control (by industry) is the Department of Energy, Automation and Computer Engineering.

The main activities of the Department are training personnel according to the above educational program and conducting scientific research in the field of energy, automation and information technology.

The Department implements the undergraduate educational program 6B07105 Automation and Control (by industry).

Information about the number of students by form, course, language of instruction, and groups is given below.

Information on students of the EP 6B07105 Automation and Control (by industry)

1st course			2nd course			3d course		
after secondary school Kaz/ Rus	after college Kaz/ Rus	after High School Kaz/ Rus	after secondary school Kaz/ Rus	after college Kaz/ Rus	after High School Kaz/ Rus	after secondary school Kaz/ Rus	after college Kaz/ Rus	after High School Kaz/ Rus
14/3	35/6	12/-	39/19	42/31	9/13	-	19/6	-/3

(IV) **DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE**

The educational program 6B07105 "Automation and Control (by industry)" is being accredited by the IAAR for the first time.

(V) **DESCRIPTION OF THE EEC VISIT**

EEC commission activity was carried out on the basis of the approved Program of the visit of the External Expert Commission for the primary specialized accreditation of the Educational program at the West Kazakhstan Innovative and Technological University private educational institution in the period from December 19 to 20, 2023.

In order to coordinate the EEC activity, an orientation meeting was held on December 18, 2023, and powers were distributed among the members of the commission.

Introductory information about the infrastructure of the university, plans for the development of the University, the activities of structural units and the implementation of the accredited program were received at a meeting with the Rector, Vice-Rectors for areas of activity, Heads of structural units, the Department Head, teachers, students.

During the excursion, EEC members got acquainted with the material and technical base of the University, and visited the classrooms for conducting lectures, practical and laboratory work on the profile of the accredited Educational program, and the place of operation of support services. List of visual inspection objects: №112 - Laboratory "Chemistry"; №302 - Laboratory "Electrical engineering and electrical machines"; №304 - Laboratory "Electric drive and relay protection"; №312 - Laboratory "Physics"; №317 - Laboratory "Electronics and Automation"; №409 - Specialized cabinet of general technical disciplines; Assembly Hall; Library; Student Service Center.

At the meeting of the IAAR EEC with teaching staff, students and employers, clarification was carried out on issues that arose during interviews with university leadership and Heads of structural divisions about the implemented policies of the university and specification of information from the University self-assessment report.

At the time of accreditation, there were not lessons, because the 1ˢᵗ term educational process was completed.

EEC experts reviewed the practice databases of LLP "Uralsk Transformer Factory - Usmanov Nurdillul Ilesbekovich, Director of the Production, LLP "Uralsk Electric" - Aishev Nartai Muslimkhanovich, Managing Director, JSC "Zhaiykteploenergo" - Gerasimov Viktor Aleksandrovich, the Head of the Control Measure Instrumentation department.

In accordance with the accreditation procedure, an online survey was conducted of 36 teachers and 50 students.

To clarify, the contents of the self-assessment report, which was uploaded to the exchange folder before the EEC commission visit, were updated.

Recommendations for improving the accredited Educational program of the West Kazakhstan Innovative and Technological University were presented at the final meeting with management on December 20, 2023.

(VI) **COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARDS**

6.1 Standard "Management of the Educational program"

- The University must have a published quality assurance policy.
- The quality assurance policy must reflect the relationship between research, teaching and learning.
- The university must demonstrate the development of a culture of quality assurance, including in the context of EP.
- Commitment to quality assurance should apply to any activities performed by contractors and partners (outsourcing), including the implementation of joint / double degree education and academic mobility.
- Manual of EP ensures the transparency of the development plan of EP based on the analysis of its functioning, the real positioning of the university and the orientation of its activities to meet the needs of the state, employers, stakeholders and learners.
- Manual of EP demonstrates the functioning of mechanisms for the formation and regular review of EP development plan and monitoring its implementation, assessment of the achievement of learning objectives, compliance with the needs of students, employers and society, decision-making aimed at continuous improvement of EP.
- Manual of EP should involve representatives of stakeholder groups, including employers, students and teaching staff in the formation of EP development plan.
- Manual of EP must demonstrate the individuality and uniqueness of the EP development plan, 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 EP, unambiguous distribution of staff responsibilities, delineation of functions of collegial bodies.
- Manual of EP must provide evidence of the transparency of the management system of the educational program.
- Manual of EP must demonstrate the successful functioning of the internal quality assurance system of EP, including its design, management and monitoring, their improvement, decision-making based on facts.
- Manual of EP must carry out risk management.
- Manual of EP must ensure the participation of representatives of stakeholders (employers, teaching staff, students) in the collegial management bodies of the educational program, as well as their representativeness in decision-making on the management of the educational program.
- The university must demonstrate innovation management within EP, including analysis and implementation of innovative proposals.
- Manual of EP must demonstrate evidence of openness and accessibility for students, faculty, employers and other stakeholders.
- Manual of EP must be trained in educational management programs.

- Manual of EP must strive to ensure that the progress made since the last external quality assurance procedure is taken into account in preparation for the next procedure.

Evidence part

The WKITU quality policy is an integral element of University management and the basis for planning its educational activities.

The quality policy is posted in all structural divisions of the University, at WKITU's website, which is a guarantee of accessibility, openness, and transparency not only to employees and students, but also to employers and other interested parties https://wkitu.kz/wp-content/uploads/2022/03/politika-kachestva-zkitu.pdf .

This University quality policy reflects the relationship between research, teaching and learning.

Management of the educational program is determined by its goals and the EP Development Plan. The purpose of the Educational program 6B07105 Automation and Control (by industry): training of highly qualified competitive specialists in the development, creation, modeling and operation of automated process control systems with fundamental knowledge of the theory of automatic control, having an understanding of modern trends in automation and informatization of technical systems and technological processes capable of applying the acquired knowledge in scientific, practical and industrial activities.

For the implementation and development of the EP, the EP Development Plan is being developed. The Development plan of EP 6B07105 Automation and Control (by industry) is based on an analysis of the functioning of the educational program, its real positioning, and is consistent with the national development priorities of the country and the development program of WKITU for 2023-2029.

The Development plan for EP 6B07105 Automation and Control (by industry) has been agreed with representatives of production, including with the Deputy chief Engineer-Head of the production and technical service of JSC "West Kaz.REC" by Kharin T.M., Managing Director of LLP "Uralsk Electric" Aishev N.M., Chief Power Engineer of JSC" Uralskagroremmash" Goryunov S.V. Successful interaction of WKITU with employers contributes to:

− increasing the number of training courses at the request of employers;

− to involve employers and practitioners in the development and discussion of educational programs, including the expected learning outcomes;

− attracting employers to conduct classes, including on the basis of branches of the department.

The uniqueness of the EP 6B07105 Automation and Control (by industry) lies in the fact that EP is focused on solving the personnel problem of industrial enterprises in the energy and oil and gas industry of the West Kazakhstan region, the introduction of automation and digitalization of business processes of production. During the development and discussion of the EP Development Plan, round tables, seminars, meetings of the department are held, which are attended by employers representing the interests of specialists in automation of technological processes of production, faculty of the department, students. At such meetings, interested parties make their suggestions for improving the

EP. All proposals are considered at meetings of the department and decisions are made on amendments to both the EP and the EP Development Plan (minutes of meetings of the Department № 9 dated April 26, 2023, №2 dated September 27, 2023).

The effectiveness of the EP's activities and ensuring its quality are assessed by the following criteria and indicators: academic performance, the use of teaching staff in the educational process of innovative technologies, the presence of invited foreign scientists, the winners of republican subject Olympiads, research competitions, the level of employment, the image of the EP. These criteria and indicators are related to the processes that cover the activities of teaching staff of departments, their heads, the management of the institute and the university. The results of the activities of these departments have a positive effect on changes in the accredited EP. The evaluation of the effectiveness and efficiency of the department's activities in the context of the implementation of the EP is based on the analysis of reports, information and materials obtained as a result of internal and external audits.

Every year, the department organizes excursions to production for students of EP 6B07105 Automation and Control (by industry): LLP "IT Group Kazakhstan", LLP "Uralsk Electric (Uralsk Electric)", LLP "Transformer Plant", etc. Also, the Department attracts experienced practitioners with basic education in this educational program as part-timers to the implementation of the EP and teaching of disciplines.

In the 2023-2024 academic year, production teachers with extensive work experience were invited to teach special disciplines. Begaliev Bolat Abilkhairovuch, Director of LLP "StroyServiseCom", Ismagulova Gauhar Samatovna, leading engineer of LLP "WestKazREC. Experienced specialists from the production were invited to give guest lectures Gerasimov Viktor Alekseevich, head of the instrumentation department of JSC "Zhaikteploenergo", Markin Pavel Alexandrovich, the expert of LLP "Kazenergoexpertiza", the Head of the production department of LLP "Distribution Energy Company" – Kulsharov Askar Imankulovich

The Manual of the EP ensures transparency in the development of the EP and the Development Plan of the EP based on an analysis of its functioning, the real positioning of the university and the orientation of its activities to meet the needs of society and the state, employers, stakeholders and students.

To ensure transparency of the EP management system, all communication channels are used: meetings of the Department, the Institute Council, the Educational and Methodological, Scientific and Methodological and Academic Councils of the University, meetings with employers, the website of the WKITU https://wkitu.kz/ru/glavnaja-stranica-2 / and the educational portal of the AIS Platonus University, social networks (Instagram, Facebook), etc.

When developing the department's development strategy, the department takes into account possible potential risks, for example, such as a decrease in the contingent, a shortage of scientific and pedagogical personnel, rapid obsolescence of existing educational equipment, etc. To prevent potential risks, the departments of the university carry out the following activities:

-career guidance work among schoolchildren of the city, region, and West Kazakhstan;

-conducting advanced training of teachers of departments in accordance with the approved plan;

-continuation of work within the framework of external and internal academic mobility of students and teaching staff;

-systematic updating of the material and technical base of the graduating departments.

The reduction of anticipated risks is also ensured by planning certain activities.

For example, in order to develop 6B07105 Automation and Control (by industry), it is planned to improve the skills of teaching staff, increase the publication activity of teaching staff of departments, including in scientific journals with the impact factor of the Scopus and Web of Science databases. The University administration provides financial support for the publication of scientific articles in indexed journals Scopus, Web of Science. For example, Associate Professor Zakharov V.P. received financial support for publishing a scientific article in the Journal Energies "Negative Impact Mitigation on the Power Supply System of a Fans Group with Frequency-Variable Drive", senior lecturer Utesheva G.S. in the journal Theoretical and Applied Information Technology "Clustering and data mining on the example of hiv-infected people data".

The Manual of the EP ensures the participation of representatives of employers, teaching staff, students and other interested persons in the composition of the collegial management bodies of the EP and in making decisions on the management of the EP. So, the Department Head Zakharov V.P., senior lecturer Kairanbayeva A.B. is the secretary of the section of the Scientific and Methodological Council of the WKITU.

The University's internal quality assurance system operates on the basis of the intra-university regulatory document "The Internal Quality Assurance System of the University", as well as 82 internal regulatory documents. The NAPS are posted in the Institute's Electronic database, at WKITU's website in the section "Regulatory documents" and are available to all interested parties.

The internal quality assurance system of WKITU is in constant development. Academic Quality Commissions have been established at the institutes from 2020-2021 academic year. The Commissions include teachers, students, undergraduates, and academic staff of the Institute. The activity of the Commissions is regulated by the internal university regulatory document of the DSK.08.PD.54 Regulations on the Commission on Academic Quality of the Institute, posted on the University's website wkitu.kz .

WKITU has agreements with domestic and foreign partner universities, which provide for various forms of mutual cooperation in the field of science and education.

Thus, as part of the implementation of the academic mobility program and the development of joint educational programs on January 18, 2022, a Roadmap for the development of cooperation in the field of education and science with Tambov State Technical University was signed.

Within the framework of the roadmap, the content of interaction between universities at the management level was determined. A joint expert council has been established to analyze the effectiveness of the roadmap measures. An academic committee has been established to develop joint educational programs. Academic mobility of teaching staff is organized. A joint scientific and practical conference was held.

The Departments' partners in the training of qualified personnel are also branches of departments at enterprises. Joint work with the branches of the departments makes it possible to successfully form

the practical competencies of students, thereby contributing to improving the quality of specialist training.

Agreements have been concluded on the opening of branches of the Department with enterprises of LLP "IT Group Kazakhstan", LLP "Uralsk Electric".

Students' opinion on the quality of services provided by partners is revealed during personal conversations, heads of departments, advisors with students following the results of academic mobility to partner universities, during their questionnaires upon completion of internships. According to the proposals of students, the number of partner universities and internship bases is expanding annually.

The Manual of the EP takes advanced training courses in educational management programs at least once every 3 years. For example, from October 2021 to May 2022, the online academy "ULTTYQ USTAZ" organized a course "Management in education", which was attended by the heads of the EP. In particular, Zakharov V.P. took part in the course "Management in Education" in the amount of 144 academic hours.

The analytical part

WKITU has a well-established quality policy, which is posted on stands in all structural divisions of the university and at WKITU's website. The self-reported materials provided regarding the growing number of publications, the growing number of applicants, and the revision of development plans in accordance with current changes confirm the openness and high level of support between research, teaching and learning.

The self-assessment report noted that the goals of the EP meet the needs of the state, stakeholders and students in the field of training specialists who are in demand on the national and international labor markets. However, EEC members failed to see the mission, goals, objectives, strategy and policy in the field of quality in the presented EP and in the development plans of the EP.

EEC notes that the minutes of the meeting of the departments have not been presented, where the results of monitoring accredited EP with the development of specific solutions, the definition of deadlines and responsible persons are considered. The introduction of innovations in the EP takes place by discussing them at the level of the Rector's office, at meetings of collegial bodies, after which appropriate methodological support is developed. The WKITU teaching staff is involved in discussing the need to introduce changes and the specifics of their implementation.

However, the EEC Commission notes that if there is a close relationship with partner enterprises, the university has a good opportunity to introduce innovative proposals and the results of implemented research into the educational process from both teaching staff and representatives of production.

An important fact is the clear orientation of graduate training to perform functions within the framework of the specifics of enterprises in West Kazakhstan region. Thanks to this, it was possible to achieve a higher degree of integration with enterprises in the region.

The self-report describes in sufficient detail and consistently the forms and methods of relationships with partner enterprises, including potential universities for building joint / double-degree education. In the current structure of the organization and the composition of managers, it was possible to build a fairly effective quality assurance system for the implementation of the EP in all aspects: content, management, monitoring, coordinated work of structural units, and, accordingly,

fact-based decision-making.

At the same time, EEC members note that they do not fully understand the risks in the implementation of both the management of the university as a whole and the implementation of the accredited EP. In particular, the results of the risk analysis for the accredited EP and ways to reduce the impact of these risks on the quality of EP implementation were not presented.

Strengths / Best Practices:

 - were not identified.

EEC recommendations on EP 6B07105 "Automation and Control (by industry)":

- To carry out organizational work on the development and implementation of joint and/or double-degree educational programs, taking into account the inclusion of a section confirming the commitment of partner universities to quality assurance. (Deadline: January 9, 2026).

- To update the "Risk Management" procedure, taking into account the requirements of the strategic development of this University, which includes informing all stakeholders about the procedure for identifying and reducing the impact of risks. (Deadline: January 9, 2024).

- Based on the results of the analysis and identification of risks, inform all students, teachers and staff about the results of this analysis. (Deadline: January 1, 2025).

Conclusions of the EEC:

According to the standard " Management of Educational program ":
EP 6B07105 "Automation and Control (by industry)" have 13 satisfactory positions and 2 suggesting improvement.

6.2 The Information on Management and Reporting Standard

- The university must ensure the functioning of the system of collection, analysis and management of information based on the use of modern information and communication technologies and software.
- Manual of EP must demonstrate the systematic use of processed, adequate information to improve the internal system of quality assurance.
- EP should have a system of regular reporting, reflecting all levels of the structure, including evaluation of the effectiveness and efficiency of activities of departments and chairs, scientific research.
- The university must establish the frequency, forms and methods of assessment of EP management, activities of collegial bodies and structural divisions, senior management, implementation of scientific projects.
- The university must demonstrate the definition of the procedure and ensuring the protection of information, including the definition of responsible persons for the reliability and timeliness of the analysis of information and providing data.
- An important factor is the involvement of students, employees and faculty in the processes of collecting and analyzing information, as well as decision-making based on them.
- Manual of EP must demonstrate the existence of a mechanism for communication with students, employees and other stakeholders, including the presence of mechanisms for conflict resolution.

- The university must ensure the measurement of the degree of satisfaction of the needs of faculty, staff and students within the EP and demonstrate evidence of elimination of detected deficiencies.
- The university must assess the effectiveness and efficiency of activities, including in the context of EP.
- The information collected and analyzed by the university in the framework of EP, should take into account:
- key performance indicators;
- the dynamics of the contingent of students in the context of forms and types;
- the level of academic performance, student achievements and dropouts;
- student satisfaction with the implementation of EP and the quality of education in the university;
- availability of educational resources and support systems for students;
- employment and career growth of graduates.
- Students, employees and faculty must document their consent to the processing of personal data.
- Manual of EP must contribute to the provision of all necessary information in the relevant fields of science.

The evidentiary part

EP management is based on the collection, analysis and use of information. The University uses a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software tools.

The Industry Technology Institute has an information support department that ensures the information activities of the institute and its departments, forms a positive public opinion through the media, covers the activities of the institute, oversees the work on the official WKITU's website.

In all departments of the university, office work is conducted in accordance with the approved nomenclature of cases, the preservation and archiving of documents is ensured. Responsibility for reporting to the Ministry of Science and Higher Education of the Republic of Kazakhstan and other departments on the activities of the university, the provision of public services, work with the Unified Platform for Higher Education (UPHE) is fixed in the administrative documents of the Rector.

The following regulatory documents are used in the management of the main processes of the university: strategic documents, on the work of collegial bodies, on academic work, on methodological work, on students, on practice and employment, on educational work, on personnel, on research work, on Master's degree course.

The administration of WKITU and collegial management bodies – the Academic Council, the Educational and Methodological Council, the Scientific and Methodological Council, the Councils of institutes make decisions based on facts, analysis of information from structural divisions, data obtained from the results of questionnaires, monitoring of the educational process and other sources. The Heads of the university's structural divisions are responsible for the functioning and reliability of the information, according to job descriptions. The University has implemented the following mechanisms for collecting, storing and analyzing information on the implementation of educational programs: a system for monitoring the implementation of Plans for the development of educational programs; various forms of self-assessment; self-assessment of educational programs in preparation for institutional and specialized accreditation; annual participation of accredited programs in the ratings of the NAAR, NCE "Atameken", in the University's competition for state order, annual self-assessment of the processes ensuring the implementation of educational programs, in the framework of SWOK; development, development and active application of information systems in the management of educational programs.

WKITU uses modern information and communication technologies and software tools for collecting, analyzing and managing information.

The Heads of the Educational institution, based on the data obtained, analyze the level of training of students, student satisfaction with the quality of teaching, material and technical base, etc. If necessary, proposals are made to improve the quality of training of students.

The academic policy of the university supports the active use of innovative teaching methods. To manage the EP at the University, it is closely integrated with the Educational portal of WKITU and AIS "Platonus" in order to provide support to students through its provision in a variety of ways.

Educational, teaching materials and information materials are placed in the AIS "Platonus" in free access for students registered for this academic discipline. The student is obliged to fulfill all the requirements of the discipline within the framework of training. The requirements for the disciplines are prescribed in the syllabuses of the disciplines, which are posted on the Educational resources of the WKITU.

The educational portal of WKITU and AIS "Platonus" together with applications for video conferences Free Conference Call, ZOOM, etc. They are the basis for organizing the work of students using distance learning technologies.

The Platonus Student mobile application is also used for students in order to effectively study within the framework of the EP. The application is a software package for remote access of students to their personal accounts in the automated system "Platonus". This application is intended for users of a mobile application installed on devices running the Android or iOS mobile operating system. The application provides students with the opportunity to view personal data, grade log, and homework assignments.

The input data to the Platonus system are mainly electronic versions of orders for the admission of students to the first year, EP forms, forms for the distribution of teaching load, databases of the classroom fund, educational and methodological materials. The output data are databases of students' academic achievements, on the basis of which various reports are generated for comparative analysis of the results of mastering the disciplines of the EP and making decisions on changing the EP, including. Such decisions mainly concern the development of EP, the replacement of elective disciplines of EP, their scope and structure. On the basis of Microsoft Windows Server 2008R2, user accounts have been created for students and teaching staff with different levels of access to information.

To ensure the quality of the survey, the management uses a variety of methods for collecting and analyzing information: questionnaires, conversations, open classes, the results of intermediate and final controls, and much more. External control of the effectiveness of the implementation of the goals of the EP is also carried out in the course of AC work during the final certification of students. The participation of students in the planning, implementation, and monitoring of activities is also carried out through the university's youth organizations, through the student self-government bodies of the institutes.

The University's information collection, analysis and management system is used to ensure the quality of the university's activities. In order to implement quality control at the university, an internal audit is conducted once a year. During the internal audit, auditors study the documents of the

departments and structural divisions of the Institute: EMCS, EMCD, protocols of the department, the work plan of the department and reports on its implementation, documents on professional practice, plans and reports, etc. The results of internal audits and the results of corrective and preventive actions are promptly brought to the attention of the leadership of the WKITU.

In order to identify and predict risks, the WKITU provides for the analysis of the following information:
1) accounting statements of the university;
2) organizational structure and staffing of the university;
3) work plans of structural divisions and reports on their implementation;
4) results of internal and external audits;
5) the results of the assessment of students' knowledge.
Within the framework of the EP, a system of regular reporting is carried out, including an assessment of the effectiveness and efficiency of the departments' activities.

At a meeting of the Academic Council in accordance with the DSC.08.PD.05 "Regulations on the activities of the Educational Council" annual reports of the rector on the activities of the University, vice-rectors, heads of structural divisions and other officials on the directions, forms and methods of conducting educational, research, educational, financial, economic, informational, international and other types of activities are heard.

At the meeting of the Council of Institutes, reports are heard on the main activities for the development of the educational process, improvement of its methodological support and organization of independent work of students and undergraduates; on the organization of educational work; on conducting research; reports of the department on the results of activities; an analysis of the state of departments on educational, methodological, scientific, as well as educational work with students.

Every year at the meetings of the departments, the Development Plan of the University is reviewed, the analysis of the success of the implementation of educational programs, the analysis of uniqueness, risk assessment and compliance of the Development Plan of WKITU with the current Development Program of the university is carried out.

The Department Head and the deputy of Department Head during the academic year, taking into account the reports of teaching staff, semester reports are compiled; their analysis is carried out on educational, educational, research, educational work, professional development and career guidance. The reports of the departments are heard at the Institute's Council and approved by the director.

Scientific seminars of the departments are held annually, where reports on the research work of the teaching staff are heard. The reports are approved by the head of the section of the Scientific and Methodological Council of the WKITU.

The decision based on the results of reports and proposals for the implementation of the EP is made at the department level when analyzing the comprehensive work of the Department: research, educational and methodological work; educational work at the department; material and technical support of the EP departments, etc. The Director of the Industry Technology Institute also summarizes the information, analyzes and takes the necessary measures at his level for the further development of the EP. The fundamental issues of the development of the EP are considered by the Academic Council of the University. At the University, the frequency, forms and methods of evaluating the management

of the EP, the activities of collegial bodies and the department are determined by the regulation "Internal Quality assurance System", DSC. 08. PD. 65. Regulation on monitoring the quality of education of the DSK.08. PD 57 "Regulations on the procedure for the development, approval and monitoring of educational programs", DSC.08. PD 58 "Regulations on the procedure for the development, approval and revision of the EP Development Plan".

Requirements for the quality monitoring system:

- the system should be focused on the main participants of the educational process;

- the functioning of the system should ensure transparency of the monitoring and accessibility of its results to the University teaching staff;

- the system should ensure compliance with the principle of feedback and provide for an analysis of the implementation of corrective measures taken to improve quality in general;

- the system should provide for different types of monitoring aimed at improving the life cycle processes of the university;

- the system must meet the accepted monitoring requirements and ensure compliance with the principles of analyzing the quality of admission, current academic performance, graduation and satisfaction of participants in the educational process;

- the system should provide an opportunity to analyze the dynamics of academic data of students in the educational process.

The decision on the results of the reports is made at the level of the university, institutes and departments, depending on the level of reports and information received.

All structures of the university are involved in the management of the EP: departments that provide official support for the EP, including planning, development, implementation, monitoring, updating of the EP; the rector's office and structural divisions of institutes, the university.

The Council of Institutes also decides on the expediency of developing a new EP, and determines the composition of the Academic Committee for the development of an EP. The purpose of Academic committees is to develop an EP taking into account the requirements of professional standards, GOST of Higher and postgraduate education, as well as proposals from employers and others.

WKITU has a system for informing all employees, faculty, students and undergraduates through both paper and electronic mailing of internal and external documents for structural units, publishing necessary information on the university's website, posting information and announcements on information stands, informing managers and interested persons at production meetings and meetings, via direct mailing by e-mail, etc.

The system of communication with students, employees and other interested persons at WKITU is carried out through the following channels: the official website of the University - www.wkitu.kz ; through exhibitions, alumni fairs, conferences, round tables, forums and other information events held at the university, in which WKITU participates; through the annual holding of Open Days, meetings

with employers, with students; through the organization of the reception of visitors by the heads of the structural structural divisions and the management of the university.

The University's Rector has his own blog at WKITU's website www.wkitu.kz where all interested parties can get answers to their questions. The WKITU's website has the following headings: management, institutes and departments, student, undergraduate, applicant, employer, license, questionnaire, corporate mail, alumni association, rector's blog and contacts. By clicking on the links on the website, you can get full information about institutes, departments, get acquainted with the teaching staff and the disciplines taught.

An important way to collect information is the results of external communication, questioning of all interested parties, and tracking the student's progress along the learning path. The degree of effectiveness of the information collection and processing processes depends on the developed regulatory system, which provides for the distribution of roles for participants. From this point of view, employers are represented at the level of the Alumni Association and Academic Committees. The teaching staff, being direct participants in all processes, participate in meetings of the department, are involved in the Council of Institutes, and serve as advisors.

For direct communication, students can use the reception hours with the director of the institute, the head of the Department for academic activities, heads of departments. They can contact the university management by e-mail through the rector's block. Students can also contact advisors, teaching staff. Upon receipt of the signal, the management sends its contents with the requirement to resolve the current situation to the appropriate department.

The WKITU has established and documented mechanisms for resolving conflicts with employees and other stakeholders - DSK 08.PD.22. "The Regulation on the Conciliation Commission of WKITU."

In case of a conflict of interest between students and the management of the educational institution, their solution is possible in accordance with the PD "On consideration of appeals and complaints of students" of the DSC.08.PD.66. The regulation defines that students have the right to submit applications on all issues of study at the university to any university officials: the Department Heads, the Director of the Institute, the Heads of structural divisions, Vice-Rectors, Rector. Officials are responsible for the objective and timely resolution of issues identified in appeals and complaints, including in the event of a conflict of interest. Upon receipt of applications and complaints from students, university officials should identify and analyze the causes of applications and complaints from students; take measures to eliminate complaints from students; inform students who submitted an appeal and complaint about the decisions and actions taken. Conflicts of interest, as well as appeals and complaints, can be resolved in personal conversations with students, on the days of admission of officials, as well as collectively at meetings of departments, Councils of institutes, meetings and meetings with students.

In order to resolve possible conflicts of interest and relations, the WKITU Conciliation Commission on labor disputes and the conciliation commission under the Academic Council of WKITU have been established to resolve controversial issues related to the educational process, conflicts between participants in the educational process, respect for law and order, resolution of conflicts of interest and relations, etc.

Purposeful work is constantly being carried out to prevent corruption offenses and negative phenomena in the educational process. university. The course of the educational process of the university is monitored in accordance with the "Regulations on Academic Integrity" and the "Regulations on the Anti-Corruption Commission".

WKITU has a procedure and feedback mechanisms for measuring the degree of satisfaction with the needs of students, teaching staff, employers, and graduates within the framework of the EP. The online survey is systematically conducted through the university's website.

There are 7 types of questionnaires uploaded on the website for university stakeholders.

For undergraduate and graduate students, there are 4 types of questionnaires aimed at identifying social well-being, evaluating the quality of the organization of examination sessions, evaluating the quality of teaching staff and the quality of the educational process as a whole.

The survey of employers is used to assess the formation of the necessary theoretical base and practical skills of graduates of the relevant bachelor's or master's degree educational program, the survey of teachers covers all areas of activity, and for graduates, the survey is conducted in order to receive feedback on employment issues and determine the role of the university in the formation of the necessary relevant professional competencies.

In general, the survey results are the results of an assessment of the quality of the university's educational programs and serve as a basis for updating the content of the relevant EP.

The degree of satisfaction with the needs of teaching staff, staff and students with the level of services provided by the university, as well as the conditions created for work and study, is determined by conducting a questionnaire on the following topics:

1) The Questionnaire "Clean Session";
2) The Questionnaire "Social well-being of students/undergraduates";
3) The Questionnaire "Teacher through the eyes of a student";
4) The Questionnaire "The quality of the academic process of WKITU students / Master degree students";
5) The "Questionnaire for employers";
6) The "Questionnaire for teachers";
7) The "Graduate questionnaire".

Students and employers participate in annual surveys conducted at the university in order to determine the level of satisfaction with the organization of training, teaching, assessment, and development of educational programs.

The survey of stakeholders is conducted through the university's website (https://wkitu.kz/ru/dljastudentov /), where questionnaires are posted for all university stakeholders (for students and undergraduates, employers, teachers, graduates).

The automated google-form platform is used for the questionnaire. The processing and registration of statistical data based on the results of the survey is carried out by those responsible for this procedure.

The results of the surveys are carefully analyzed, reviewed at meetings of the Educational and Methodological Council of the University, the Council of the Institute, departments, and, if necessary, specific corrective measures are taken to improve the quality of education.

The results of the survey and measures to eliminate deficiencies and improve processes are brought to the attention of teaching staff and students.

Based on the results of reviewing the results of the stakeholder survey, departments make a decision to change, supplement, update the structure and content of relevant educational programs, modules/disciplines, catalogs, etc., specific measures for which are implemented within the framework of the relevant direction of the educational program development plan.

For information support of scientific research, the university has: A Scientific and Methodological Council, which examines and evaluates research reports and innovative projects, conducting expert reviews of scientific articles for publications, issues of information support for R&D; scientific journal "Bulletin of WKITU" vestnik@wkitu.kz. for the publication of scientific, methodological and production articles of students, Master's degree students and teaching staff. The journal is published quarterly, articles are published in Kazakh, Russian and English; Scientific Student Society - for the organization of research and innovation work of students and undergraduates (SRSW, SRMW); Council of Young Scientists of WKITU - for the organization of scientific conferences, seminars, round tables, forums, etc.

To obtain prompt access to scientific information for students, teaching staff and researchers, modern technologies are used, and the university has remote access to foreign full-text resources. The scientific library of the university has access to electronic databases of foreign countries - Clarivate Analytics, Springer Link, Science; to information resources of the near abroad - polpred.com, electronic library system "Lan", to domestic databases - Republican interuniversity electronic Library, "Library of the First President of the Republic of Kazakhstan - Leader of the Nation". R&D performers, teaching staff and students have wide access to the university's scientific literature collections, they can receive the necessary scientific publications in the subscription of scientific literature, as well as use them in all reading rooms at WKITU. The possibilities of interlibrary exchange are widely used.

Within the framework of the Law of the Republic of Kazakhstan dated May 21, 2013 № 94-V "On personal data and their protection" in order to document the consent of students, employees and teaching staff to the processing of personal data: students, when signing Contracts for the provision of educational services, teaching staff and employees – when signing a separate document - give written consent to the processing personal data. These documents are stored in the personal file of each teaching staff and student.

The analytical part

Automatic information systems are used at the university to collect, analyze and manage information: AIS "Platonus", a document management system, applications for video conferences Free Conference Call, ZOOM, etc., a mobile application "Platonus Student". Within the framework of these information systems, work is carried out with the entire range of information. At the same time, the EEC members noted that currently there is no automatic system that allows the entire information flow to generate data on individual indicators that would be useful for the Heads of the

EP and other structural divisions to analyze and make recommendations. I.e., this work requires additional time and effort from employees to process the generated databases in order to highlight individual indicators.

Communication between the participants involved in the activity is organized at a high level, which prevents the occurrence of conflict situations between managers, teaching staff and students, as well as other interested parties. Following a meeting with university staff, it was found out that all disputes between teachers and students are resolved through a well-structured assessment system, but students are not fully able to understand this fact, therefore, it is recommended to develop a mechanism for resolving potential disputes both in the educational process and in the social aspects of the student's life cycle at the university and to fix them in a document, and inform all interested parties about this mechanism.

Also, when reviewing the documentation on the effectiveness of the implementation of the EP, it was not fully possible to track the implementation of quantitative indicators of the effectiveness of the EP. The reason, according to the EEC members, lies in sufficiently large changes and insufficient time interval to bring the form of the final results to the level of the department and to include these indicators in the documentation.

In general, all the basic procedures are described in a single normative document "Academic Policy". As the number of documentation increases, it will be appropriate to divide this single document into parts, or design it in the form of an electronic document with a quick orientation system inside it.

Strengths / Best Practices:

- were not identified.

EEC recommendations on EP 6B07105 "Automation and Control (by industry)":

- To re-equip the information collection, analysis and management system to use modern information and communication technologies and provide the opportunity for operational access to the results of collecting and processing this information according to the levels of responsibility (for example, the Department Heads of the EP get access to the results of information collection and analysis). This implementation can be performed using specialized software or using the functionality of information analysis and processing by means of, for example, MS Excel. (Deadline January 1, 2025).

- To supplement the existing university communication procedure with students and other interested persons with means of rapid collection of information and response to appeals / complaints not only on academic issues, but also on socio-economic, corruption, etc. (Deadline: January 6, 2024).

- Update the development plan of the University, taking into account the main provisions of the strategic development plan of the university with indicating the indicators available for measurement (Deadline: January 1, 2024).

Conclusions of the EEC:

According to the standard Information Management and Reporting:

EP 6B07105 "Automation and Control (by industry)" has 13 satisfactory positions and 3 suggesting improvement

6.3 The standard "Development and approval of an educational program"

- The university must define and document the procedures for the development of EPs and their approval at the institutional level.
- The Manual of EP must ensure that the developed EP is consistent with the established objectives, including the intended learning outcomes.
- The Manual of EP must ensure the availability of developed models of graduates of EP, describing the learning outcomes and personal qualities.
- The Manual of EP must demonstrate the conduct of external reviews of EP.
- The qualification received at the end of the EP must be clearly defined, explained and correspond to a certain level of NSC.
- The Manual of EP must determine the impact of disciplines and professional practices on the formation of learning outcomes.
- An important factor is the ability to prepare students for professional certification.
- The Manual of EP must provide evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring its quality.
- Labor input of EP should be clearly defined in the Kazakhstani credits and ECTS.
- The Manual of EP should provide the content of academic disciplines and learning outcomes of the level of training (bachelor, master, doctorate).
- In the structure of EP should provide a variety of activities corresponding to the learning outcomes.
- An important factor is the presence of joint EP with foreign educational organizations.

The evidentiary part
The formation of Educational programs of the university is carried out in accordance with the State Mandatory Standard of Higher Education and Postgraduate Education (hereinafter – GOST) № 2 dated July 20, 2022, the Law of the Republic of Kazakhstan "On Education", the Rules for organizing the educational process on credit technology of education (Order № 563 dated October 12, 2018), the Concept of Higher Education Development and science in the Republic of Kazakhstan for 2023-2029, with the main provisions of the Bologna process, professional standards.

In 2020, the EP 6B07105 Automation and Control (by industry) was developed and entered into the Register of EP RK. In 2020, based on the analysis of market needs (needs for specialists, employment prospects), analysis of the competitive environment, EP of a similar direction operating in leading universities, availability of necessary personnel, logistical, information and financial resources, EP 6B07105 Automation and Control (by industry) was developed.

The developed EP 6B07105 Automation and Control (by industry) was reviewed at a meeting of the Department of Energy, Automation and Computer Engineering and discussed at the Council of the of Engineering and Humanitarian Faculty.

- The University develops its educational programs in accordance with the regulation "On the procedure for the development, approval and monitoring of educational programs" (DSC. 08. PD.57), "Regulations on the procedure and form of conducting procedures for internal and

external expertise and peer review of the EP" (DSC. 08. PD.59).
- The collegial bodies that oversee the development of educational programs are Academic committees in the areas of vocational training.
- Educational programs are developed in stages:
- Stage 1 - joint discussion of the faculty of departments with employers of the graduate's competencies, taking into account professional standards;

- Stage 2 - development by academic committees of the content of the educational program, the catalog of elective disciplines, taking into account the proposals of employers and regulatory documents in the field of education;

- Stage 3 - protection of the educational program with the invitation of all interested parties – employers, students, teaching staff at meetings of the Institute council.

- Stage 4 - approval of the educational program at a meeting of the Academic Council of the University.

In order to improve and ensure the quality of the educational program, a critical analysis and examination of the developed program is carried out for compliance with the needs of the labor market, the use of educational technologies, including methods for evaluating student achievements, as well as taking into account the relevance of this program.

Educational programs undergo an external examination procedure in accordance with the "Regulations on the procedure and form of conducting procedures for internal and external examination and review of educational programs" (DSC. 08. PD.59).

The proposals of all stakeholders and the results of the survey, as shown by the minutes of the department meetings and the results of interviews, are taken into account in the content of the EP, new courses are introduced taking into account the proposals of interested parties. For example, in 2021, according to the proposals of the deputy director of LLP "Bettys Energon" Focshuk V.V., teaches the disciplines "Automated electric drive" and "Microprocessor complexes in the control system" were introduced into the EP "6B07102-Automation and Control (by industry)". According to the proposals of the Leading Specialist of LLP "Zhaikmunai" Muradimov Z.O., teaches the disciplines Automation and management in the oil and gas industry and Automated control systems for the collection and preparation of well products were introduced in EP 6B07102-Automation and Control (by industry).

Taking into account the requirements of the labor market, proposals from interested parties, with changes in regulatory documents, educational programs are reviewed and updated annually in terms of the content of curricula, the composition and content of academic disciplines, educational and industrial practice programs, etc.

When developing and reviewing educational programs, individual educational trajectories are important. Individual educational trajectories of students are formed on the basis of the CED (the Catalog of elective disciplines), which contains a list of all disciplines of the component of choice, indicating the purpose of study, brief content and expected results of study. In order to be accessible to all interested parties, the CED is located on the university's website wkitu.kz .

The purpose of the EP is to train highly qualified competitive specialists in the development, creation, modeling and operation of automated process control systems with fundamental knowledge of the theory of automatic control, having an understanding of modern areas of automation and

informatization of technical systems and technological processes, able to apply the knowledge gained in scientific, practical and industrial activities.

The selection of disciplines for CED takes place taking into account the opinions of interested parties. Preference is given to practice-oriented disciplines. The involvement of related departments in the formation of CED expands the range and quality of elective disciplines. The correction of the CED takes place after the survey of employers, as a result of which the CED is changed.

The EP 6B07105 Automation and Control (by industry) corresponds to the NSC level and is developed on the basis of professional standards:

1) professional standard "Maintenance and repair of equipment for automated process control systems in electrical networks" dated December 20, 2022;

2) professional standard "Operation and repair of thermal automation and measuring instruments" dated July 8, 2023;

3) professional standard "Technical support of electronics" dated May 12, 2022.

EP 6B07105 Automation and Control (by industry) meets the requirements of the State Higher Education System.

Expected final results of the implementation of the EP Development Plan

- training of highly qualified, competitive, competent specialists for the industrial sector of the economy in West Kazakhstan region, with in-depth professional training, able to quickly adapt to rapidly changing socio-economic conditions;
- modernization of human resources, information resources, material and technical potential;
- improving the quality of education;
- increase in the % of graduate employment.

The EP approved in accordance with the established procedure contains requirements for the qualification characteristics of graduates of EP 6B07105 Automation and Control (by industry).

In the process of studying at the university, students – future specialists develop professional competencies through practical training.

The purpose of organizing and conducting professional practice is to consolidate the knowledge gained by students in the learning process and acquire practical skills in the professional field. Practice is a means of developing dialectical thinking, creative attitude to professional activity, and consolidation of theoretical training.

Professional practice (academic, industrial, pre-graduate) is conducted in accordance with the academic calendar and is aimed at developing students' skills, taking into account the theoretical aspects of the future profession acquired in the course of studying disciplines (Table 3.1.).

Table 3.1 Correlation of disciplines and professional practices, which allows to form all components of students' competencies (knowledge, skills and abilities)

Education course	Types of practice, deadlines	Disciplines during the practice period

1 course	Academic practice	Descriptive geometry and engineering graphics, Computer graphics and AutoCAD
2 course	Industry practice 1	Theoretical mechanics
3 course	Industry practice 2	Materials Science and TCM
4 course	Pre-Diploma practice	Design of automated control systems

Industrial practice is carried out taking into account the main types of professional activities for which a student – a future specialist should be ready. The practice is aimed at developing professional, research skills and the formation of personal qualities of future specialists.

All types of professional practice are conducted in accordance with the academic calendar and the Program of the relevant practice. The content of industrial practice is determined by the disciplines of the educational program.

According to the results of the internship, students submit reports. The volume of material and the content of practice reports meet the requirements of the EP practice programs.

The bases of the practice of EP 6B07105 Automation and Control (by industry) are the leading institutions and enterprises of West Kazakhstan region. Students undergo professional practice at the enterprises the LLP "Uralsk Transformer Plant", LLP "Uralsk Electric", ITC Branch, JSC "Intregaz Central Asia", LLP "Kazenergoexpertiza", LLP "Munai Gas Engineering", LLP "Aksai Industrial Park".

Based on the results of the students' internship, the Career and employment department conducts a survey of employers for satisfaction with the preparation of students for this educational program, and requests feedback from employers on graduates.

WKITU has a Center for Engineering and Professional Certification. According to the Regulations on the Center for Engineering and Professional Certification (DSK 08.PD.69), this center provides students with the opportunity to take additional special courses in educational programs and receive professional certificates.

In the 2022-2023 academic year WKITU Rector Shakeshev B.T. signed contract №1.2 dated October 26, 2022 for training in the program of professional certification courses for students of technical EP, including 6B07105 Automation and Control (by industry).

For the 2023-2024 academic year, a plan has been drawn up for students to undergo professional certification according to the department's EP. So, for EP 6B07105-Automation and Control (by industry), a professional certification course "Instrumentation mechanic" has been defined.

In the 2023-2024 academic year, students of EP 6B07105 Automation and Control (by industry) in the period from October 9 to October 20, 2023 completed a professional certification course according to the curriculum at the LLP "ALIM Training Center" in the amount of 72 hours, which allows them to master the additional qualification "Instrumentation Fitter", in the future it is planned to provide courses annually to students professional certification. This, of course, contributes to the successful employment of graduates of the EP.

Analytical part

The procedure for the development of the EP is fully described visually and all the stages and procedures for the implementation of the EP are fully described. It should be noted that the development and implementation of an accredited EP is very relevant for the following reasons: obsolescence of personnel at enterprises, modernization and development of production and technological processes, a wide labor market.

Despite the fact that there has not yet been a release on this EP, the management of the department conducts the necessary procedures to review the content and organization of the EP. Work with enterprises in the region is built at a high level, since on the basis of enterprises, students are trained in real production conditions with their direct involvement in the production and operation of technological processes.

The procedure for conducting an examination of the content of the EP is mandatory, but a reasonable question arises, in relation to the persons who conducted the examination of the content of the EP, to what extent these conclusions are informative and effective in achieving the goals of the accredited EP, whether they help in the further development of the EP or increase the effectiveness of the mechanisms and approaches used.

A fee-based certification procedure is provided for senior students. This procedure is carried out on time and according to a pre-established plan, with the receipt of the appropriate document and entry into the student's academic achievements.

The ways of participation of all interested parties are regulated in advance and implemented in accordance with the established rules. The main burden is placed on the department as the main unit implementing educational activities. In the current conditions of multiple transformations within the organization, in order to avoid overloading the department, the work of support services should be carefully considered. Without proper load distribution among all participants involved in all processes, the effectiveness may decrease or the department's employees will quickly become tired.

Strengths / Best Practices:

- were not identified.

EEC recommendations on EP 6B07105 "Automation and Control (by industry)":

- To develop a system of qualification requirements for the external experts involved in reviewing the EP (Deadline: January 1, 2025).

Conclusions of the EEC:

According to the standard "Development and approval of the educational program":

EP 6B07105 "Automation and Control (by industry)" has 12 satisfactory positions

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

- The university must monitor and periodically evaluate the EP in order to ensure that it achieves the goal and meets the needs of students and society. The results of these processes are aimed at continuous improvement of EP.
- Monitoring and periodic evaluation of EP should consider:
- Program content in light of the latest science in a particular discipline to ensure relevance to the discipline being taught;
- Changes in the needs of society and the professional environment;
- The workload, performance and graduation of students;
- Effectiveness of student assessment procedures;
- The expectations, needs, and satisfaction of learners;
- The educational environment and support services and their relevance to the goals of the EP.
- The university and the management of the EP must provide evidence of the participation of students, employers and other stakeholders in the revision of the EP.
- All stakeholders must be informed of any actions planned or taken with regard to the EP. All changes made to the EP must be published.
- The Manual of EP must ensure that the content and structure of EP is revised taking into account the changes in the labor market, employers' requirements and social demand of the society.

The evidentiary part

The procedure for monitoring and periodic evaluation of educational programs at WKITU is carried out on the basis of the following internal regulatory documents:

1. The Regulation on monitoring the quality of WKITU education;

2. Regulations on the procedure for the development, approval and monitoring of educational programs;

3. Regulation on the procedure for the development, approval and revision of the Development Plan of the EP;

4. Academic policy of WKITU.

5. Regulations on the organization of professional practice of students.

Monitoring and evaluation of the EP is carried out, first of all, at the level of the graduating department and institute, with discussion of issues of improving the educational process in the EP and making appropriate decisions for their implementation.

The monitoring and evaluation of the EP includes the following mechanisms:
- annual reports of the graduating departments and the Institute;
- internal audits;
- consideration of issues related to the development of various areas of specialist training at collegial bodies.

Monitoring and periodic evaluation of the educational program includes various activities: expertise at the department, university level; analysis of labor market trends, requirements for graduates from employers; survey of stakeholders, etc. The heads of graduate departments, the director of the Institute conducts monitoring, evaluation and improvement of educational programs;

coordinates the work - the Department for academic activities of the Institute. Informing about changes in the EP is carried out at meetings of departments, educational and methodological councils, and the Academic Council of the university.

Monitoring of the implementation of educational programs and educational achievements of students is carried out twice a year. The frequency of other types of monitoring is once a year.

The Department carries out a systematic analysis, monitoring of given EP, its compliance with this contingent of students; based on the results of the analysis, changes are made to the structure and content of the EP, CED.

Monitoring and periodic evaluation of educational programs are aimed at achieving the goals of the educational program, the full formation of planned learning outcomes.

In 2022-2023 academic year, based on the results of monitoring, EP 6B07105 Automation and Control (by industry) was updated and included in the register of EP. In EP 6B07105 Automation and Control (by industry), new disciplines "Fundamentals of Ecology, Business and Law" and "Financial Literacy" were included, as well as the content of some disciplines was updated taking into account the latest achievements of science and technology. For example, the content of the discipline "Microprocessor complexes in a control system" includes the study of SIMATIC industrial software, the content of the discipline "Data Storage and analysis" includes the study of SQL databases, the basics of Hadoop systems, Sparkand others.

In order to provide educational programs with relevant content, the lists developed at the departments of specialized, elective and practice-oriented disciplines and modules, practices are systematically reviewed and supplemented. The basis of the implemented courses are the recommendations of employers and the results of scientific research of the faculty of the department.

The assessment of the quality of Educational programs is carried out on the basis of an analysis of curricula, a catalog of elective disciplines, schedules, individual plans of students, internal regulatory documents regulating the implementation of educational programs, questionnaires of students and employers, internal audits of the educational process at the university

Monitoring of the implementation of the educational program is carried out through mutual visits, open classes, etc. The results of mutual visits and open classes are considered at a meeting of the department and at a meeting of the methodological seminar of the department.

In order to take into account the interests of employers in the development of educational programs in the formation of catalogs of elective disciplines, potential employers and practice managers actively participate.

Educational programs undergo the procedure of annual monitoring of the quality of implementation at a meeting of the department with the participation of students and employers.

The verification of the implementation of educational programs is carried out when assessing the competencies of graduates by teachers, heads of professional practices, members of certification commissions and invited employers. The mechanism for adjusting educational programs is based on taking into account the opinions of students, teachers, and employers through questionnaires, analysis of feedback on industrial practice, and reports from Certification commissions.

The monitoring of the IAP (individual academic plans) of students shows that the procedure for recording and registration of IAP is followed: all components of the curriculum defined for the current course, the student for the academic year, the name of the discipline, the discipline code, the number of credits, type of classes, full name of the teacher, number of hours and form of control are included.

Academic achievements of students are discussed at meetings of the department and the Institute Council, and the results of examination sessions are considered. Based on the results of the analysis, decisions are made aimed at improving them.

The quality of educational programs can be judged, among other things, by the results of the current and intermediate certification of students. Monitoring of the development of educational programs is carried out with the help of AIS "Platonus", which is designed to account for and analyze the progress of students. It allows you to monitor the implementation of educational programs both during the semester and following the results of examination sessions. The assessment of students' academic achievements is carried out in accordance with the assessment scale adopted at the university.

According to the data of constant monitoring, a report on the results of the sessions and the results of the survey is analyzed and formed. This issue is periodically considered at meetings of departments, the Council of the Institute, the Academic Council of the university to take the necessary measures to improve the academic performance of students.

A student who does not agree with the results of the assessment on the exam has the right to appeal. In some cases (due to illness, family circumstances, or other objective reasons), the director of the institute may allow the student to take an individual examination session.

The monitoring and evaluation of students' academic achievements is based on the principles of academic integrity.

The criterion for the effectiveness of the implementation of educational programs is the successful completion of practical training by students and their further career development.

The practical work of students is monitored at the place of internship by assigned employees of the graduating departments and representatives of the employer. The assessment of students' satisfaction with the places and organization of internship is carried out both during the internship and at the installation and reporting conference based on the results of the internship.

To study the satisfaction with the level of training of specialists, as well as the opinion of employers on vocational education, to identify the requirements for the professional competence of future specialists, the career and employment department conducts an annual survey and questionnaire of employers.

Based on the monitoring results, decisions are made on the further development of educational programs, the expansion of the department's activities on the formation of a contingent, and the development of a unified educational space. The procedures for organizing all types of practices and surveys of students and managers of practice bases allow for effective monitoring of their results and making decisions to improve the educational process.

At the end of the academic year, at a meeting of the department with the participation of all interested parties (teaching staff, employers), a self-assessment of the EP is conducted, taking into account the changes made, the results achieved, the effectiveness and efficiency of the implementation of the EP are discussed. At the end of the academic year, the head of the department makes a report on the work of the department, which helps the management to track the implementation of the development plan of the Department. If the management finds a discrepancy between the implemented EP and the implementation plan, the development plan is re-considered at a meeting of the department with the participation of all interested parties, and adjustments are being made to it, corrective and preventive actions are being developed.

The modern approach to the implementation of the EP is associated with constant, continuous informing of stakeholders with the latest changes made to the EP. This is necessary, firstly, to keep current tasks up to date, secondly, to best meet current needs, and thirdly, importantly, to identify trends among both employers and students.

The Manual of the EP keeps all interested parties informed about any planned or undertaken actions in relation to the EP. Interested parties include potential employers, students, graduates, and university faculty.

To ensure constant awareness of external participants, the university's website is used, where all information about the activities of the university and its structural divisions is posted. All changes made to the EP are published on the university's website.

The monitoring of the EP conducted by WKITU and the Department of Energy, Automation and Computer Engineering ensures constant monitoring and necessary adjustment of the EP in accordance with the requests of society, the labor market and employers.

Analytical part

Monitoring and periodic evaluation of the EP is carried out on the basis of normative documents included in the content of Academic Policy. Continuous improvement for an accredited EP is not completely possible, since there was no graduation and employment of graduates of the EP. At the moment, only the implementation of the educational process and intermediate results can be monitored, and not the final tasks of training specialists.

From the current one, it is possible to note a practice-oriented graduate training program, since the main customer is the enterprises of the region, the condition of which was adequately assessed by the heads of the educational institution and the department implementing the EP. The only thing that could be added is to try to quantify the potential employer market or find an indicator capable of characterizing it, this would improve the adequacy of the assessment system.

The main way to analyze stakeholder satisfaction is through a questionnaire. It should be noted that, according to the EEC participants, the analysis conducted based on the results of the survey is not fully effective. It is necessary to work out in more detail the content and focus of the ongoing research, and the analysis should be carried out not only by the number of responses, but by identifying the causes of the ongoing processes, this will help prevent future problems.

As a result of the analysis of the WKITU's website, the minutes of the meeting of the graduating department, as well as during interviews, the members of the EEC note the lack of awareness of employers and students about the planned and accepted changes in the EP, it is advisable to post information highlighting the changes, and not only replacing the previous version of the EP with a new one.

Strengths / Best Practices:
- were not identified.

EEC recommendations on EP 6B07105 "Automation and Control (by industry)":

- To develop a procedure for informing all stakeholders about planned changes in the EP, as well as, when publishing accepted changes, to focus the attention of interested parties on the changes made (Deadline: January 9, 2024).

Conclusions of the EEC:

According to the standard "Continuous monitoring and periodic evaluation of educational programs":

EP 6B07105 "Automation and Control (by industry)" has 10 satisfactory positions

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

- The Manual of EP must ensure respect and attention to the different groups of students and their needs, providing them with flexible learning paths.
- The Manual of EP should ensure the use of various forms and methods of teaching and learning.
- An important factor is the availability of own research in the field of teaching methodology of academic disciplines of EP.
- The Manual of EP must demonstrate the availability of the system of feedback on the use of different teaching methods and learning outcomes assessment.
- EP supervisors must demonstrate support for learner autonomy while being guided and assisted by a faculty member.
- The Manual of EP must demonstrate that there is a procedure for responding to learner complaints.
- The university must ensure consistency, transparency and objectivity of the mechanism of assessment of learning outcomes for each EP, including appeal.
- The University must ensure that the procedures for assessing the learning outcomes of EP students are consistent with the planned learning outcomes and program objectives. Criteria and methods of assessment in the framework of EP should be published in advance.
- The university must define mechanisms to ensure that each graduate learns the learning outcomes of the EP and ensure the completeness of their formation.
- Evaluators must be proficient in modern methods of assessing learning outcomes and regularly improve their qualifications in this area.

The evidentiary part

One of the main tasks in the activities of the West Kazakhstan Innovative and Technological University is to provide high-quality education and assessment of student knowledge.

For the successful implementation of the vision, mission and strategy of the West Kazakhstan Innovative and Technological University, focused on high-quality professional training of graduates, educational programs are aimed at meeting the current, changing and potential (expected) needs of students and employers.

To this end, student-centered learning and teaching have been introduced, stimulating regular and effective independent work, increasing the motivation of the student to master the EP due to a higher differentiation of the assessment of academic work. Student-centered learning plays an important role in achieving learning outcomes for students.

The university has created a learning environment that promotes the formation of basic and professional competencies, taking into account the individual needs and capabilities of students, as well as conditions for the effective development of educational programs, where students are active partners in the educational process.

WKITU students are provided with information material, an academic calendar for the academic

year; individual curricula; catalogs of elective disciplines; working curricula of disciplines (Syllabus).

Upon admission to the university, all students are familiarized in detail with the organization of the educational process using credit technology, with the rights and obligations of students, with the Code of Honor of a student and a teacher, with the procedure for enrolling in academic disciplines, with the structure of the university, etc.

In accordance with the principles of academic freedom, students have the opportunity to actively participate in shaping their educational trajectory and influence the quality of the educational process. Student representatives are members of academic committees to participate in the development of educational programs.

Maintaining flexible curricula and giving students the opportunity to determine their learning trajectory allows them to make their own decisions in building their learning, as well as contribute to increasing responsibility for their own learning.

In the AIS Platon platform, students form their own individual learning trajectory in an online format, i.e. the student chooses which disciplines he will study in the academic year and choose a teacher. After choosing the disciplines and the teacher, the student's individual plan is approved by the director of the institute and signed with an electronic signature. The student can download the signed IAP in AIS Platonus in the section of the CSS (center of students' service).

An integral part of the academic process is academic counseling or support of students in the process of their studies at the university. Advisors solve this problem. An advisory service is being created in all institutes of this University. The activities of the advisors are coordinated by the director of the Institute and the head of the Registrar's office.

In the first year, advisors help first-year students adapt to the learning environment, understand the structure of the university, the value system, the basic requirements and features of the organization of the academic process. Advisors hold individual meetings and advise on any issues that arise, including academic ones.

The main goal of the advisors is to help students determine their individual learning trajectory and register for disciplines. With the advice of an adviser, students determine the learning trajectory with the inclusion of selected disciplines in an individual curriculum.

The freedom of choice of disciplines is realized by providing the student with a CED EP. The student forms his individual curriculum (IAP) for the current year on the basis of the EP and CED. Based on these individual plans, an annual working curriculum (WC) is formed by EP. The individual curriculum of the student is approved annually by the director of the institute, contains a list of disciplines and the number of credits.

The Manual of the EP ensures respect and attention to different groups of students and their needs, provides them with flexible learning paths. Thus, the organization of the educational process takes into account the special needs of adults, working people, foreign students, as well as students with disabilities, and appropriate conditions are created for them.

In order to ensure accessibility of education at the university for people with disabilities, the university's academic buildings are equipped with ramps; toilets are converted according to the requirements of accessibility of the educational environment.

Assessment of student's academic achievements is an important element of the pedagogical process, a powerful means to stimulate the student. The University strives to ensure, through knowledge assessment, an objective assessment of each student's achievement of learning goals

expressed in competencies.

The procedures for assessing knowledge and professional competencies are defined in the internal regulatory documents of the university "Academic policy of WKITU", "Policy for evaluating the learning outcomes of WKITU students", "Regulations on final control-testing".

Students are informed in a timely manner about the criteria used to evaluate their knowledge, skills and abilities, ensuring the objectivity of evaluating the results of activity.

Table 5.1- Information on academic performance of students of EP 6B07105-Automation and Control (by industry)

№	Adademic years	Number of students	Knowledge quality, %	Absolute academic performance, %
1	2021-2022	28	50	100
2	2022-2023	179	65	100

Student-centered learning also involves the use of various teaching and learning methods that take into account the variety of forms of information assimilation.

The successful implementation of the EP is ensured by the introduction and effectiveness of the applied innovative teaching methods and technologies. Classes using modern teaching tools and methods increase motivation, arouse students' interest in the discipline. Active learning methods are methods that allow you to activate the learning process, encourage the student to participate creatively in it.

As part of the educational process, the following innovative teaching methods and technologies are used in the preparation of students: case study, business and role-playing games; round table, discussion, debate, press conference, brainstorming, presentations. The teaching methods used by teachers are reflected in the Catalog of Innovative Teaching Methods. Lectures and practical classes are also held with the involvement of employers on their territory.

The analysis of the use of innovative teaching methods in the educational process is carried out on the basis of mutual visits by teachers according to the schedule, which are reflected in the journals of mutual visits. Also, the analysis of the classes is discussed at the meetings of the department and the methodological seminar of the department.

Master classes of experienced teachers are held at the Industrial Technology Institute on an ongoing basis within the framework of the School of Pedagogical Excellence.

In 2022, a special issue of the University journal "Bulletin of WKITU" was published, dedicated to the use by teachers of various forms and methods of teaching and learning.

On February 02, 2022, the master class on the organization and conduct of a binary lesson was held. The main purpose of the binary lesson is the systematization and generalization of existing knowledge, the formation of a holistic perception of the studied material by students

(https://wkitu.kz/kk/meroprijatija/k-sipshilikte-m-najdy-k-likke-dajyndau-tehnologijasy-sheberlik-klassy/).

On March 01, 2022, as part of the work of the School of Pedagogical Excellence, senior teacher Utesheva G.Sh. conducted a training for teachers on the topic "Digital tools in assessing students' knowledge". 12 teachers of Industry Technology Institute of took part in the training (https://wkitu.kz/kk/meroprijatija/bilim-alushylardy-bilimin-ba-alauda-y-cifrly-raldar-po-treningi/).

In the 2022-2023 academic year, within the framework of the methodological week of the University "Digitalization of education: challenges of our time", senior teachers of the Department of EACE organized a number of events

-training "Digital tools in the assessment of students' knowledge" - for teachers in order to improve the methodology of teaching disciplines using innovative learning tools. The head of the training is a senior lecturer at the Department of EACE Utesheva G.Sh. (https://wkitu.kz/ru/Meroprijatija/ sovershenstvovanie-metodiki-prepodavanija-disciplin-s-ispolzovaniem-innovacionnyh-metodov-obuchenija/);

- The round table "Digital technologies in education", which was attended by students of the 2nd and 3rd courses. The organizer is the senior lecturer of the department of EACE Kairanbayeva A.B. (https://wkitu.kz/ru/Meroprijatija/cifrovye - tehnologii-v-obrazovanii/);

- methodological seminar "Methods of using digital technologies in teaching disciplines", organized by teachers of the Department of Electronic Education.

The work plans of the Methodological Seminar of the EACE Department include issues related to the development and implementation of teaching staff's own research in the field of teaching methods in the educational process.

At the meetings of the Methodological Seminar of the Department of Energy, Automation and Computer Engineering, issues related to the use of innovative methods and forms of teaching in the educational process, own methods and technologies of teaching academic disciplines were considered (act №4 dated 25.11.2022 year, act №5 dated 25.12.2022 year, act №7 dated 22.02.2023 year, act №8 dated 28.03.2023 year). The seminar was attended by teachers Tulegenov K.K., Sadykova L.A., Bazarbayev D.B., Buranova N.G., Kim A.V., who provided information on the teaching methods used in the classroom.

The results of the Department's own scientific research are actively being introduced into the educational process and production.

There are acts of implementation at the department:

-4 acts of introducing their own scientific research into the educational process of teachers of the department Zakharov V.P., Buranova N.G., Shalabaeva I.A., Akhanova D.E.;

-4 acts of introducing the introduction of their own scientific research into the production of teachers of the department Buranova N.G., Sarguzhieva B.A., Utesheva G.Sh., Gaineshova A.M., Shyntemir I.B.

In April 2022, a senior lecturer at the Department of Electronic Engineering, chairman of the MSC department Utesheva G.Sh., received an author's certificate for the object "Akparatty korgau negizderi" pani boyynsha electrondy okytu zhuyesin ondeu", issued by the National Institute of Intellectual Property №25543 dated April 27, 2022.

Utesheva G.S. also took an interactive online refresher course "Innovative educational

technologies and didactic models" at LLP "Digital experts group". Based on the results of the advanced training course, practical knowledge on the use of digital tools and technologies was obtained, including practical cases for evaluating learning outcomes.

On March 2, 2022, at the Industry Technology Institute, as part of the work of the School of Pedagogical Excellence, senior lecturer Utesheva G.S. conducted a training for faculty teachers on "Digital tools in assessing students' knowledge." (https://wkitu.kz/kk/meroprijatija/bilim-alushylardy-bilimin-ba-alauda-y-cifrly-raldar-po-treningi/).

A similar training was also held within the framework of the methodological week of the University "Digitalization of education: challenges of our time" (https://wkitu.kz/ru/ Meroprijatija/ sovershenstvovanie-metodiki-prepodavanija-disciplin-s-ispolzovaniem-innovacionnyh-metodov-obuchenija/).

Information on the results of the Department's own research in the field of teaching methods of academic disciplines is regularly posted on the university's website.

There is feedback at the university on the use of various teaching methods and assessment of learning outcomes.

Tracking the satisfaction of students and teaching staff with methodological innovations is carried out through a questionnaire. According to the results of the questionnaire "Teacher through the eyes of a student", the average assessment of bachelor's satisfaction with the quality of teaching was revealed. The results of the survey are posted on the university's website for 2022 (https://wkitu.kz/wp-content/uploads/2023/10/otchet-prepodovatel-glazami-studenta-2022.pdf) and 2023 (https://wkitu.kz/wp-content/uploads/2023/10/otchet-prepodavatel-glazami-studentov.pdf) year.

Based on the results of the survey, the results of the survey are discussed at the meetings of the Department of EACE and appropriate decisions are made.

The Departments at WKITU provide support for the autonomy of the student with simultaneous and appropriate guidance and assistance from the teacher. Academic support of students is organized throughout the entire period of their studies.

Monitoring of students' independent work is carried out by teachers consulting on complex topics, accepting assignments from students. The department has compiled the schedules of the SSW and SSWI.

The mechanism of adequate assessment of the results of SSW (written work; presentation; essay; project, etc.) is discussed at the meetings of the MSD of the department according to criteria such as the design of the work; the amount of work performed; the accuracy of the formulation of answers to tasks; the presence of specific examples; style of presentation, etc.

The WKITU has developed a Regulation on the activities "On the consideration of appeals and complaints of students", which establishes a general procedure for submitting and considering appeals and complaints of students and making appropriate decisions on them.

The Regulation defines the procedure for considering appeals and complaints that may be received from WKITU students on various issues of implementing the academic policy of the university, providing social support to students, observing the principles of academic integrity, violating the rights of students established in internal regulatory documents of the university, in legislative acts in the field of science and education.

There are practically no complaints from students related to the educational process.

The available cases relate to first-year students who are gradually adapting to a new team, new conditions of the educational environment and, accordingly, to the requirements.

Individual students receive low scores when passing the current or boundary controls. When it is possible to get advice from a teacher on a subject, they often miss it, which is the reason for contacting, as a rule, the Department Head.

Each case at the department is dealt with individually, discussed with the teacher and the student. The student receives appropriate advice and clarifications. If possible, the student can get the missing points, correct the grade. If necessary, students can file an appeal.

There is a rector's blog on the university's website, where you can contact with questions of interest. Also on the site you can find e-mail addresses, contacts of directors of institutes, heads of departments and directly contact them.

Decisions on complaints and proposals, depending on their scale, are made directly by the person to whom the appeal was addressed, or are considered at a meeting of the department, the Council of the Institute or the Academic Council.

When considering a complaint, equal rights and impartiality are ensured to the participants involved in the complaint, and a decision is made after careful consideration of the complaint.

An official complaint is drawn up in the form of an application addressed to the director of the institute, and is a registered and controlled document until the problem is resolved. The decision made after consideration of the complaint contains actions to eliminate the problem and is issued in the form of an order from the director of the institute.

In order to timely identify the needs of students, take into account their suggestions and requests, and prevent complaints, the university has established constant feedback with students at all levels. These are close contacts of students with advisors, heads of departments, and teachers. Traditional meetings of the institute's administration with members of the student government are held. At least once a year, students meet with the founders of the university, which are also attended by heads of structural divisions, heads of departments, members of the university administration. For example, such meetings were held on April 08, 2022, November 14 and 15, 2023. https://wkitu.kz/ru/Meroprijatija/vstrecha-so-studentami-inzhenerno-gumanitarnogo-fakulteta/

WKITU ensures the consistency, transparency and objectivity of the mechanism for evaluating the results of educational activities, including appeal.

The compliance of the level of knowledge of students with the planned learning outcome and the goals of the program is ensured through strict compliance with the requirements of the EP, curriculum, syllabuses. Students who disagree with the results of the final control have the right to file an appeal application addressed to the chairman of the appeals commission.

In order to ensure transparency of the interim certification and final certification, the University has a "Trust Box", a "Blog of WKITU's Rector", where students can comment on the conduct of exams, on the quality of the preparation of exam materials, etc.

The analytical part

The Manual of the EP provides an opportunity for students to form an individual educational trajectory in accordance with their needs. The teaching staff also applies various forms and methods of teaching and learning to students, including the use of an industrial base for training students. Scientific and methodological developments of the teaching staff of the department allow us to talk about the introduction of our own research into the educational process.

The Manual of the EP under the process of responding to complaints means mainly issues arising in the educational process, according to the EEC experts. It is recommended to expand this concept as a deviation from the set and identify the causes leading to this deviation from the planned level. The survey conducted by the university's own staff, as well as other studies, is recommended to be analyzed from this point of view. Thus, it is necessary to develop mechanisms to overcome situations that fall under this concept, then it must be included in a regulatory document with a mandatory explanation of this rule for all participants in the educational and economic activities of the organization.

Based on the presented document and materials, as well as during interviews with students, the EEC members note that it is necessary to change the attitude towards understanding student-centered learning.

First of all, it is necessary to bring to the attention of students and other participants in the educational process changes in the educational environment in accordance with the provisions of the student-centered approach. Without a full understanding of this trend, it is impossible to achieve the results of specialist training and a successful educational process as a whole.

The administration of the university and the department pays close attention to the professional development of teaching staff, while it is necessary to pay attention not only to the professional training of employees, but also to professional development in terms of methods for evaluating learning outcomes and final learning outcomes.

Strengths / Best Practices:

-were not identified.

EEC recommendations on EP 6B07105 "Automation and Control (by industry)":

- To develop a procedure and plan for informing students for a holistic understanding of student-centered learning and the features that this approach has (Deadline: January 1, 2024).

- To include in the communication procedure an algorithm for receiving and responding to appeals and complaints (except for questionnaires and collecting information through the mailbox), including all stages of the learning life cycle (Deadline: January 6, 2024).

Conclusions of the EEC:

According to the standard "Student-centered learning, teaching and assessment of academic performance":

EP 6B07105 "Automation and Control (by industry)" has 9 satisfactory positions and 1 suggesting improvement

<u>6.6 The standard "Students"</u>

- The university should demonstrate the policy of formation of a contingent of students in the context of EP from the admission to the graduation and to provide transparency of its procedure. Procedures regulating the lifecycle of students (from admission to graduation) must be defined, approved, published.

- Manual of EP must demonstrate the implementation of special programs of adaptation and support for newly admitted and international students.

- The university must demonstrate compliance of its actions with the Lisbon Recognition Convention.

- The University should cooperate with other educational organizations and national centers of ENIC/NARIC "European Network of National Academic Recognition and Mobility Information Centers/National Academic Recognition Information Centers" in order to ensure comparable recognition of qualifications.

- Manual of EP must demonstrate the existence and application of a mechanism for the recognition of the results of academic mobility of students, as well as the results of additional, formal and informal learning.

- The university must provide the opportunity for external and internal mobility of EP students, as well as assist them in obtaining external grants for training.

- Manual of EP must make maximum efforts to provide students with internships, to promote the employment of graduates, to maintain contact with them.

- The university must provide the graduates of the EP with documents confirming the qualification obtained, including the achieved learning outcomes, as well as the context, content and status of the education received and the evidence of its completion.

- An important factor is the monitoring of employment and professional activities of EP graduates.

- Manual of EP should actively encourage students to self-education and development outside the main program (extracurricular activities).

- An important factor is to have a functioning association/union of graduates.

- An important factor is to have a mechanism to support gifted students.

The evidentiary part

The policy of forming a contingent of students is related to admission on the basis of a state order and on a fee-based basis to the number of students who are most prepared to study at a university, who consciously chose the University's EP. Applicants must score the required number of points according to the results of the UNT (unified national testing), CT (computer testing) or pass an interview.

In order to conduct pre-professional orientation of high school students, the university conducts systematic career guidance work. Explanatory work is organized among graduates of Uralsk secondary schools and West Kazakhstan region, meetings with schoolchildren, parents and teachers are held. The meetings are attended by members of the admissions committee, teachers responsible for career guidance at the institute.

The rules and procedure for admission, entrance requirements are regulated by the Standard Rules for Admission to Higher and Postgraduate education programs approved by the Ministry of Education and Science of the Republic of Kazakhstan, on the basis of which the DSC was developed. 08. PD. 39. Regulations on admission to training at WKITU.

The admission committee implements a comprehensive admission process, adhering to the principle of an individual approach to the wishes of each applicant. Enrollment in the number of students is carried out by the admission committee in accordance with the deadlines set by the Ministry of Education and Science of the Republic of Kazakhstan.

At WKITU's website in the section "Applicants", https://wkitu.kz / information material on admission to the university has been posted: standard rules, schedule of creative and special exams,

interview schedule, promotional videos, information about grants. This page is accessible to an external user.

The Admission Committee engages the media to repeatedly explain the technology of conducting Unified National Testing, Comprehensive testing and a competition for awarding educational grants. The regional and city newspapers "Priuralie", "My City" publish a list of educational programs for which recruitment to the WKITU is carried out.

The dynamics of the growth of the contingent of students of EP 6B07105 Automation and Control (by industry) is presented in Table 6.1.

Table 6.1 - Information on the contingent of students of EP 6B07105 Automation and Control (by industry) for the last 3 years

2021-2022 academ.year			2022-2023 academ.year			2023-2024 academ.year		
total	grant	paid	total	grant	paid	total	grant	paid
28	-	28	180	-	180	254	10	244

Admission and enrollment to the educational program is accompanied by an introductory course during the organizational week (from August 26 to 31), where advisors are introduced to information about the university, its leadership and the specifics of the educational program, academic buildings, library, faculty of the department, etc.

At WKITU's website (https://wkitu.kz/wp-content/uploads/2022/11/spravichnik-putevoditel-studenta-zkitu.pdf) there is a guidebook for first-year students, which reflects the rules of internal regulations, the mode of operation of all services, the procedure for paying for tuition, criteria for evaluating learning outcomes, information about educational programs, a telephone directory and other useful information for a freshman.

During the entire period of study, each student is provided with access to the following information educational resources: the official website of the university; an electronic library; a distance learning system; a student's guide; a call center for applicants and their parents; a Call center for admission and training in a master's degree, etc.

The University has implemented information management processes using the information platform AIS "Platonus" (http://platonus.wkitu.kz).

Students on a paid basis and holders of state educational grants who have scored a transfer point and transferred to the next course of study, if there are academic debts, must re-study the relevant disciplines on a paid basis and take an exam on them in the summer semester. Students who have not scored a transfer point at the end of the academic year, taking into account the results of the summer semester, remain for a repeat year of study.

The student support system at WKITU includes individual assistance, advice on the educational process and social support.

Table 6.2 – The contingent of socially vulnerable categories, about students of EP 6B07105-Automation and Control (by industry)

Category	2022-2023 academ.year	2023-2024 academ.year
Orphan/half-orphan	1	1
Large/single-parent family	7	12
Disabled child	1	-
Total	9	13

For those enrolled in the 1st year, a number of adaptation measures are carried out during the first month of study. Organizational and thematic events are traditionally held for newly enrolled students: Knowledge Day, Dedication to students, Health Day, acquaintance of first-year students with regional, city museums, etc.

The Department oversees students throughout the entire period of study. By order of the rector of the university, advisors are appointed who help first-year students in adapting to the educational process at the university, in choosing an educational trajectory and monitor the entire process of educational achievements of students. With the support of advisors, students of EP 6B07105 Automation and Control (by industry) They actively participate in all activities of the university, the city, and the region. For example, 2nd year student Mazhitov Chingiz took 1st place in the event "Health Day", 2nd year student Umarov Meirambek took second place in the Startup Scientific Project Competition.

A mandatory requirement for the implementation of the educational program is the involvement of students in research work, which is conducted systematically, starting from the first year.

The students' research work is organized under the guidance of a teacher. Students annually participate in the "Decade of Science", make presentations at conferences of various levels – from intra-cathedral, intra-university to international. Many students participate in the scientific circles of the department.

Participation of students of EP 6B07105 Automation and Control (by industry) in scientific conferences:

- Mazhitov Chingiz Zhenisuly (scientific supervisor Kim A.V.): A project for the development of an automated system for monitoring and accounting of electric energy for Uralsk city// Collection of materials of the Republican competition of scientific research works of students "Prospects for the development of information technologies in science, education and practice", conducted by the Scientific research methodical centre "ZIAT" Astana, 2022. - p.112 - 116.;

- Usov Vladimir Nikolaevich (scientific supervisor Rakhimzhanov M.E.): diploma of the 1st degree, International remote Olympiad of media projects in engineering areas "My future profession" in the slide show nomination for the novelty and relevance of the research. Russian Federation, Saratov city;

-Mazhitov Chingiz Zhenisuly: participation in the International Youth Educational Forum "EcoGreen", Tambov city, 2023.

-Mazhitov Chingiz: "Water quality research in the Ural River basin and automation of filter element replacement in water treatment plants", West Kazakhstan Innovative and Technological University. Scientific supervisors - Dzhubayalieva A.K., Kim A.V.

In order to develop the student movement and realize the interests of students, a student government was created.

Student self–government is one of the forms of the state youth policy of the Republic of Kazakhstan, carried out in order to consolidate the student social movement, solve student problems; unite university students in order to jointly solve issues to improve the quality of student life.

Students of EP 6B07105 Automation and Control (by industry) Zhumagaliyev Nariman, Bazar Anuar participate in the work of self-government, 2nd year students Mazhitov Chingiz, Umarov Meirambek are members of the Academic Committee in the field of Engineer and Engineering. Students participate in public life, including regularly going out on clean-up days.

The social activity of students significantly affects the quality of educational programs and the personal learning outcomes of students. Active participation in collegial bodies forms such important qualities as responsibility, organization, activity and commitment. Students participating in collegial bodies show good results not only in the social life of the university, but also in their studies.

A prerequisite for transferring a student from course to course is for the student to achieve a set passing grade (GPA). The transfer of the student to the next course of study is carried out at the end of the academic year (taking into account the results of the Summer term) and is issued by order of WKITU Rector. The transfer score (GPA) from course to course for undergraduate students is set by the Academic Council of the WKITU and is reflected in the Academic Policy of the WKITU https://wkitu.kz/wp-content/uploads/2022/11/1-akadem-politika-zkitu.pdf.

The University has defined the procedure for the formation of a contingent of students based on the minimum requirements for applicants, the maximum group size during seminars, practical, laboratory and studio classes; analysis of available logistical, information resources, human resources; analysis of social conditions for students, including the provision of places in the dormitory.

The admissions Committee annually draws up plans for the admission of students for the upcoming academic year. According to the results of admission in 2023-2024, 74 students were accepted for EP 6B07105 Automation and Control (by industry), including 10 under a state grant. Based on the number of applicants enrolled for the current academic year, the contingent of the upcoming academic year is planned. The Institute's development plan for each educational program sets the planned number of students for the next five years. This plan is updated annually.

The University has an educational and scientific laboratory base that provides the educational process in accordance with the State Educational Standards. The material and technical support of the educational process as a whole corresponds to the tasks and specifics of the educational institution, and also contributes to the conduct of all types of laboratory, practical classes, and research work of students provided for in the working curriculum.

The educational process is carried out using modern devices and interactive equipment. The educational equipment and software used for the development of educational programs are similar to those used in the relevant industries, i.e. in production and meets the safety requirements during their operation.

The University has created a learning environment that provides for all types of classes (lectures, laboratory, practical classes), practice and research work of students provided for in the curriculum and in accordance with current sanitary and fire safety standards and rules.

The University library has a sufficient number of legislative, regulatory materials and acts (including on electronic media), textbooks and manuals by Kazakhstani and foreign authors, periodicals, a set of educational materials (syllabuses, methodological recommendations for the implementation of term papers and theses, a fund of questions for intermediate and final control) in electronic form. The library fund is annually replenished with educational and scientific literature. Maps of the provision of disciplines with educational literature have been compiled.

Effective social policy is ensured, among other things, by the availability of sports facilities, playgrounds, halls, a medical center, canteens and buffets, assembly halls, dormitories.

The availability, sufficiency and adequacy of software is controlled by the department, these issues are considered at the meetings of the MSD and the meetings of the department.

The model of the e-learning system formed at WKITU allows you to use the latest technical achievements, introduce innovations, automate production processes, create electronic educational resources, and be actively present in the Internet space.

In the process of individual and group work, students perform various types of tasks: working on the Internet using annotated links on thematic sites; a report on completed work, project protection in the MS PowerPoint program; testing; working with a video fragment; working with an electronic textbook; working with an interactive whiteboard, etc.

Through the Internet, students have access to the interactive resources at WKITU's website and the educational portals of the institute, where the working curricula of the EP are posted; educational and methodological complexes of disciplines; test assignments in all studied disciplines; the schedule of training sessions; educational videos; the electronic catalog at WKITU's library and other materials.

A wireless Wi-Fi network is deployed on the territory of the academic buildings.

The informatization of the University's activity is one of the priority directions of the development of WKITU. The provision of students with computer and information resources is sufficient to conduct a high-quality educational process and meets licensing requirements.

The University dormitories have a sports corner, a hall for self-study and other household needs (ironing, washing machines, etc.).

At University, the issues of adaptation and support of foreign students are regulated by the Regulations on the activities of the DSC.08.PD.26 "Coordinators for the adaptation of foreigners to WKITU", where the process of adaptation of foreign students is considered as a multifactorial process of entry, development and formation of the personality of a foreign student in the educational space of the university.

The process of adaptation of foreign students to a new socio-cultural environment takes place both within the framework of educational activities and during extracurricular activities, which undoubtedly helps to accelerate this process, as well as forms speech and socio-cultural competence. There are 28 foreigners studying at the Institute, among them according to EP 6B07105 Automation and Control (by industry) 2 students (Satenov M.M., Zainullin R.R., Russian Federation) .

According to Order № 39 "On approval of the types and forms of state-issued educational documents and the Rules for their issuance", a diploma Supplement is issued to WKITU at the request of the graduate.

The mechanism for recognizing the results of additional formal and non-formal education at the WKITU is defined in the Regulation on the Activities of the DSK.08.PD.47 "On credit transfer and recognition of learning outcomes obtained by adults through non-formal education provided by organizations included in the list of recognized organizations providing non-formal education"

The documents confirming the results of training are a diploma, a certificate of completion of training or a certificate of completion of training.

In WKITU, the procedure for recognizing learning outcomes and competencies mastered within the framework of academic mobility is prescribed in the DSK PD. 08.PD.24 "Regulations on academic mobility of WKITU students ". After completing their studies as part of academic mobility, students submit a transcript to their University. On the basis of the transcript, the student is required to transfer credits according to the ECTS type. When transferring, an assessment is made, which was obtained based on the results of the training.

Academic mobility at WKITU is regulated by the PD "On academic mobility of WKITU students" DSK. 08.PD.24.

The following types of academic mobility are distinguished: individual, group (collective, under the guidance of a teacher, or independently as part of a group), internal (within the country) academic mobility, external (international) academic mobility, incoming (international) academic mobility, as well as participation in short-term seminars, forums, symposiums and other forms of scientific and educational interaction, the assessment of participation in which is expressed in credits and presented in the certificate. The deadlines for completing the academic mobility program are set individually in accordance with the academic calendar of the partner university.

In order to implement academic mobility, on the basis of a bilateral cooperation Agreement, the academic mobility of students of EP 6B07105 Automation and Control (by industry) was organized:

- in the 2022-2023 academic year, 2nd year students Nurgazin A.N., Rakhpanov D.T. studied at the Kazakh-Russian International University, Aktobe city.

- in the 2023-2024 academic year, it is planned to undergo internal academic mobility at KazNITU named after Satpayev K.; external academic mobility - at Tambov State Technical University.

As part of academic mobility, WKITU has signed agreements with the Kazakh-Russian International University, Tambov State Technical University, Baishev University (Aktobe city), Udmurt State University, KazNTU named after K. Satpayev and many other domestic and foreign partner universities.

Informing and advising students about academic mobility is brought to the attention of students by advisors, heads of departments, the Department of Academic Mobility and International Relations. Information on the implementation of academic mobility is published on the WKITU's website. Financing of academic mobility can be carried out at the expense of extra-budgetary funds of the university, grants from national companies, social partners, international foundations; own funds of participants in academic mobility, etc.

WKITU provides its students with practice bases for practical training. Before starting the internship, an introductory conference is held, where all the necessary information is provided (terms of internship, contract, diary, directions, work plan, schedule). Safety instructions are also provided.

The assessment of students' satisfaction with places and the organization of internship is carried out by the Department of Careers and practice organizations by interviewing students upon completion of the internship.

The assessment of employers is a very important indicator of the quality of education. Today, employers, as a rule, clearly represent graduates of which universities they are ready to consider as worthy candidates for a vacant position.

The University has a career department and an internship organization. The Department Head provides consultations on the choice of a place of practice, conditions of internship, reporting and protection of practice reports.

During the last term of training and up to the end of the University, the head of the department constantly informs students about the vacancies received from employers. Graduate students participate in Job Fairs organized by the executive bodies of the city and the region.

The analytical part

The successful formation of a contingent for this EP fully falls under the measures currently being taken at the university. This is confirmed by the annual growth dynamics of the student body.

Despite the positive dynamics of the growth in the number of applicants, the members of the High School of Economics expressed concern about the sufficient provision of the educational process with specialized laboratories and/or the expansion of the equipment available in them for comfortable training of an increasing contingent of students. This issue will become relevant during the transition of students, currently second-year students to the third and fourth years, and, consequently, an increase in the workload of specialized laboratories and classrooms.

A clear orientation of the training of students for the needs of local enterprises and a high level of integration with them made it possible to achieve a situation in which the number of offers for a potential internship and, accordingly, future employment for senior courses exceeds the total number of students included in the contingent. This fact is a very significant achievement for the Heads of the Institute and the EP. The quality of internships at enterprises can also be assessed as high, according to the feedback from employers and their desire to attract students during the internship period to real jobs with salary payments.

Also, a wide range of social and material assistance is provided for socially vulnerable students and students on a paid basis, as well as discounts for tuition if the student has achieved success in studies and other activities at the university.

Strengths / Best Practices:

This University has close ties with regional enterprises and a large number of internship contracts, which indicates the high demand for future graduates and the integration of the university and accredited educational institution with the real sector of the economy with a high level of shortage of qualified specialists.

EEC recommendations on EP 6B07105 "Automation and Control (by industry)":

- To analyze the degree of compliance of the existing material and technical base and classrooms with the goals, objectives and expected learning outcomes of the EP, the existing and projected contingent of students, the development plan of the EP. Based on the results of the analysis and the plan for the recruitment of students according to EP 6B07105 "Automation and Control (by industry)" to develop a plan for the material and technical re-equipment of classrooms and laboratories of the department and the Institute (Deadline: January 1, 2025).

Conclusions of the EEC:

According to the standard "Students":

EP 6B07105 "Automation and Control (by industry)" have 1 strong, 10 satisfactory positions and 1 suggesting improvement

6.7 The standard "Teaching staff"

- The university must have an objective and transparent personnel policy, including in the context of EP, including recruitment, professional growth and development of staff, providing professional competence of all staff.
- The university must demonstrate compliance of the teaching staff potential with the university's development strategy and the specifics of the EP.
- Manual of EP must demonstrate awareness of responsibility for its employees and ensuring favorable working conditions for them.
- Manual of EP must demonstrate a change in the role of the teacher in connection with the transition to student-centered learning.
- The university should determine the contribution of teaching staff in the implementation of the development strategy of the university and other strategic documents.
- The university should provide opportunities for career growth and professional development of teaching staff.
- Manual of EP should attract to teaching practitioners of relevant industries.
- Manual of EP should provide targeted actions for the development of young faculty.
- The university should demonstrate motivation for professional and personal development of teaching staff, including the encouragement of both the integration of scientific activities and education, and the use of innovative teaching methods.
- An important factor is the active use of information and communication technologies in the educational process (for example, on-line learning, e-portfolio, MEP, etc.).
- An important factor is the development of academic mobility within the framework of the EP, attracting the best foreign and domestic teachers.
- An important factor is the involvement of teaching staff in the life of society (the role of teaching staff in the education system, in the development of science, the region, the creation of the cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).

The evidentiary part

The teaching staff is the main resource for ensuring the mission of WKITU. The University pays great attention to the issues of personnel selection and training.

The HR policy of WKITU consists in clear planning of the development of teaching staff, stimulation and encouragement for achievements in work. The types of teaching staff incentives and the procedure for their application are determined by the legislation of the Republic of Kazakhstan, orders of the Rector.

The University's personnel policy ensures the functioning of employee motivation mechanisms and the adaptation of new employees. The university has developed a DSC.08.PD.19. The Code of Corporate Culture of teachers and staff of WKITU, which prescribes the principles of ethical behavior.

The main goal of the HR policy of WKITU is to ensure the processes of updating and maintaining the number and quality of staff in accordance with the needs of the University, the requirements of the current legislation of the Republic of Kazakhstan and the state of the labor market.

The University has developed and approved Regulations on structural divisions and job descriptions for all university employees.

The University has such a form of employment as a competitive selection of applicants for positions of teaching staff, followed by the conclusion of an employment contract.

The Manual of the EP ensures constant monitoring of the activities of teaching staff, systematic assessment of the competence of teachers, and a comprehensive assessment of the quality of teaching. There is a system of internal control at the department level. To determine the level of competence of teaching disciplines at the department, mutual and control visits to classes are carried out, open classes are held. The department maintains a journal of mutual visits.

The leading of open lessons, conducting mutual visits by teachers allows the management of the educational establishment to systematically assess the quality of the disciplines taught. All teachers of the EP conduct classes using innovative forms and interactive teaching methods (brainstorming method, business games, press conferences, round tables).

Also, the monitoring of the activities of the teaching staff is carried out by conducting a survey of teaching staff and employees.

WKITU provides assistance to young scientists in improving their professional level, including through doctoral/postgraduate studies at domestic and foreign universities. The university has developed a DSK regulation. 08.PD.63. "The regulation on the system of motivation of scientific research at WKITU", which is aimed at the development of scientific research and strengthening the scientific potential of the teaching staff of WKITU.

Social support for teachers is expressed through the provision of financial assistance, solving housing problems.

The teaching staff of the Department meets the qualification requirements for licensing educational activities and has full knowledge of modern teaching methods, which makes it possible to organize an effective educational process.

The total number of teaching staff at the Department of EACE is 33 people, including 15 part-time students. There are 18 full–time teachers, including: 5 candidates of sciences, 1 PhD, 12 senior teachers, masters. The number of full-time teaching staff with academic degrees and titles is 33%, the average age is 41 years.

The implementation of EP 6B07105 Automation and Control (by industry) involves teachers with academic degrees and titles, highly qualified and long scientific and pedagogical experience, practical teachers with extensive work experience in production and young staff. The department has developed mentoring: teachers who do not have sufficient experience in teaching activities, as a rule, are assigned to more experienced teachers. So, the mentor of the young teacher Eskabyl A. B. is Ph.D., Associate professor Sadykova L.A., the mentor of the young teacher Rakhimzhanov M.E. is Ph.D., Associate Professor Nikolaev A. A.

Senior lecturer of the Department, Master, Uteshena G.Sh. from September 1, 2023 according to the competition, she enrolled the first-year full-time Post graduate students for the 2023-2024 academic year, for the main competitive places within the admission control figures with the sums of competitive points to the graduate school of the Tambov State Technical University at Russian Federation, plans to write a dissertation on the topic: "A flexible advanced model of a fuzzy minimum–maximum neural network for pattern classification tasks", went from a teacher to a deputy head of the department. Senior lecturer, master Buranova N.G. enrolled from January 9, 2023. According to the competition, she enrolled for the first-year full-time graduate students for the 2023-2024 academic year, for the main competitive places within the admission control figures with the sums of competitive points to the graduate school of the TSTU at Russian Federation, plans to write a dissertation on the theme: "Development of algorithms for optimal control of a group of electric motors". Rakhimzhanov M.E. graduated from our university with a bachelor's degree in 5B071800 – "Electric Power Engineering", completed a Master's degree course in April 9, 2002 -"Information Systems and Technologies" and now works as a senior lecturer at the Department and teaches disciplines on IT technologies for technical specialists, he plans to enter to Doctoral Degree study in 2024.

Information about the activities of the teaching staff is available at WKITU's website in the section University-Institutes-Departments-Teaching staff" https://wkitu.kz/ru/kafedra-eavt-ru/

The University fully provides employees with the opportunity to use the library resources of the Scopus, Elsevier, Web of Science, Thomson Reuters, Springer databases, elibrary.ru . The library has free access to international and domestic information resources of various databases of scientific journals, access to dissertations, and the opportunity to obtain full-text documents.

To motivate the activities of teachers, the university uses various forms: solving social issues, providing dormitories, office apartments, improving working conditions, helping to pay for postgraduate studies, publishing scientific articles, etc.

Thus, post graduate student of TSTU Utesheva G.Sh received financial assistance in the amount of 320,000 tenge, PhD doctor Zakharov V.P. received financial assistance in the amount of 115,000 tenge.

The Industrial Technology Institute has drawn up and approved a plan for the development of the institute until 2026, which includes the section "Plan for the development of the personnel potential of departments".

Places at Zhangir Khan kindergarten are provided for the children of teaching staff. The rest of the teaching staff and staff is held on the territory of the institute recreation center "Asan".

The role of the teacher in connection with the transition to student-centered learning has changed dramatically; improving the quality of the educational process depends not only on the independence of students and their development, but, first of all, on the development and continuous professional development of teaching staff.

Heads of structural divisions conduct methodological seminars on familiarization with updated regulatory documents of the Ministry of Internal Affairs of the Republic of Kazakhstan and new documented procedures of internal documents of WKITU.

So, the Department Head for academic activities is familiarized with the Qualification requirements, Criteria for assessing the degree of risk, the Regulation on the rating of teaching staff, the Development Plan of WKITU until 2029. The Head of the Registrar's office held a training seminar on changes in the Rules for organizing the educational process on credit technologies. The Head of the Information support department conducted a training seminar "The activity of teaching staff with the Anti-Plagiarism program. university". The Director of the Institute held a seminar for the heads of educational institutions and employers on the development of educational programs.

At the meeting of the Department, the Development Program of WKITU for 2023-2029 was discussed.

Teachers who provide training in EP 6B07105-Automation and Control (by industry), actively participate in conferences, online seminars, and constantly work to improve their skills.

The Department of "EACE" works on the contractual theme "Optimization of the control system and automation of a pumping unit for water and heat supply of a peasant farm." Implementation dates: 2023-2028. The customer is agricultural base "AiMak". (scientific supervisor –Zakharov V.P., PhD doctor).

The implementation of educational programs and their development strategy is carried out in accordance with the mission and goals of the university.

All documents on EP management developed at the university are based on the University's Development Program, Mission and Quality Policy.

Strategic documents of the University, including the University's Development Program, Academic Policy, Quality Policy, etc. are discussed at meetings of departments and the Institute's Council.

The teaching staff of the department are part of the collegial bodies of WKITU and the Industry Technology Institute. Senior lecturer of the Department Utesheva G.Sh is a member of the EMS of the WKITU, PhD doctor Zakharov V.P. is a member of the Council of the Institute, PhD doctor Sadykova L.A., senior lecturer Gainesheva A.M. is a member of the Commission on Academic Quality of the Institute.

The WKITU administration provides an opportunity for young teachers to study in doctoral and postgraduate studies. So, a senior lecturer at the Department of Energy, Automation and Computer Engineering, Utesheva G.Sh., in 2023-2024 academic year, entered the graduate school of Tambov State Technical University in the scientific specialty 2.3.8 Informatics and Information Processes (group of scientific specialties 2.3 Information Technology and Telecommunications).

Senior lecturer of the Department of Electrical Engineering and Computer Engineering

Buranova N.G. in 2023-2024 academic year, she entered to Tambov State Technical University for the scientific specialty 2.4.2 Electrotechnical complexes and systems (group of scientific specialties 2.4 Power Engineering and Electronics) - Buranova N. G.

Annually, faculty of the department participate in regional, republican and international scientific and practical conferences. Teachers implement the results of research work when writing scientific articles.

Published scientific papers of the teaching staff of the Department of EACE:

- in publications of the international Web of Science databases (Thomson Reuters), Scopus – 12 articles;
- in scientific publications recommended by the KKSON RK – 8 articles;

- in foreign scientific publications – 5 articles.

Professional development of the university's teaching staff is carried out in various forms: through postgraduate education programs, academic exchange, professional internships, specialized courses, training seminars, etc. The professional development plan includes taking advanced training courses, attending various seminars, internships at leading universities in Kazakhstan and near and far abroad, and also in the form of participation in scientific and methodological seminars, conferences, exhibitions and other events, in the form of research work, Master's degree course, Doctor degree course. The approved professional development plan for teaching staff is stored at the department.

During the reporting period, the teaching staff received 3 certificates of advanced training.

Certificates and certificates of advanced training of teaching staff are stored in the personal files of employees in the HR of WKITU.

The department creates and maintains a favorable environment for innovation and creativity in teaching students. Attracting practitioners to teaching is a strategic task of the department, which it solves through the organization of guest lectures, as well as attracting practitioners together with leading teachers to conduct courses in the disciplines of the curriculum.

According to EP 6B07105 Automation and Control (by industry), leading scientists and specialists from specialized enterprises were regularly invited to give guest lectures.

The University constantly evaluates the activities of teachers through annual ratings of teaching staff according to the DSC.08.PD.15 "Regulations on the activities of the rating of the teaching staff of the WKITU".

The rating mechanisms developed at the university make it possible to provide a comprehensive assessment of the activities of teachers, stimulate the professional and personal development of the teaching staff of the department; provide a differentiated approach to the activities of teaching staff.

The subjects of the rating are the full-time teaching staff of the Departments of WKITU (teachers, senior teachers, associate professors, professors). Full-time teachers of retirement age participate in the ranking on their own.

According to the results of the rating, provided that teachers do not have administrative penalties during the academic year, moral and / or material encouragement of teaching staff is provided.

Table 7.1. Information on the awarding of teaching staff of the department based on the results of the annual Ranking of teaching staff

Academic years	№, date of Orders	The number of awarded teaching staff
2019-2020	№ 131/4 dated July 1, 2020	1
2020-2021	№ 383 dated December 13, 2021	3

2021-2022	№ 286 dated September 30, 2022	3
Total on the Department of EACT		**7**

The main document defining the work of each teacher is an individual plan, which includes the planned educational, methodological, research and other types of work for the current academic year. Individual teaching staff plans are considered at a meeting of the Department and approved by the Department Head, the IP of the Department Head by the Institute director.

The research activity of a university teacher significantly affects the professional self-realization of a teacher, which is reflected in the enrichment of the theoretical base of the disciplines taught with new scientific information obtained in the course of their own scientific research, in improving teaching methods, etc.

The teachers of the Department are working on the implementation of the results of scientific research in the educational process

Academic mobility of teaching staff and students contributes to improving the quality of higher education, increasing the effectiveness of scientific research, establishing external and internal integration ties, and using global educational resources. An important direction in the development of academic mobility is the involvement of foreign and domestic professors, conducting joint research in the implementation of the EP. Academic mobility of University teachers is regulated by the DSC. 08. PD. 60. Regulations on academic mobility of teachers of WKITU.

Cooperation in the field of science and education with Kazakhstani and foreign universities and centers is carried out within the framework of agreements with more than 75 domestic and foreign universities and research centers. Cooperation is carried out through the implementation of teaching staff of joint scientific research, training of teachers of WKITU in postgraduate and Master's degrees, organization of academic mobility, internships, additional professional education, organization and participation in international scientific conferences, publication of scientific articles in foreign publications, invitation of external professors.

The Industry Technology Institute of annually develops and approves a Plan for academic mobility of the teaching staff.

WKITU teaching staff - are participants of academic mobility programs report on the work done at the meetings of departments.

As part of academic mobility, Ismagulova G.S., senior lecturer at the Department of Energy, Automation and Computer Engineering, conducted classes on the discipline "Automated Electric drive" for 2nd year students of EP 6B07111-Automation and Control of the Kazakh-Russian International University, the 2nd term of the 2022-2023 academic year.

As part of academic mobility, senior lecturer Kim A.V. conducts lessons at Tambov State Technical University on EP March 27, 2004 "Management in technical systems" in the discipline "Automation and Control systems".

The analytical part

The University's administration and the EP pays close attention to the policy of forming teaching staff who train students and attract practical teachers from production. When implemented, the department has a large number of teachers with extensive practical managerial and production experience, but they belong to the older generation. To solve the issue of rejuvenation of the teaching staff, the university management takes exceptional measures: payment for teaching staff, including support for admission to doctoral studies, social support for young professionals, payment of remuneration for publications and achievements in the ranking. Shift preparation is being carried out at an accelerated pace for representatives of a large age of all staff, a mentoring school is being carried out to transfer accumulated experience in management and training of new personnel.

It should be noted that there is a fairly high increase in the publication activity of teaching staff due to the allocation of special time for scientific activities and explanatory work, and this is also facilitated by the rating system for teaching staff. But in order to make a clear understanding of the priority tasks facing the teaching staff, it would be necessary to refine this rating system to a full-fledged systematically developed program of teaching staff activities based on the university development plan and the implementation of the EP. This will contribute to the coverage of this issue in the WKITU's activities and will allow for more transparent monitoring.

To support the educational process and professional development, the management maintains close ties with partner universities and exchanges experience, expressed in inviting lecturers and implementing academic mobility of teaching staff.

Strengths / Best Practices

The University's administration demonstrates a transparent personnel policy, and has also created a favorable climate in the team with a high level of professional culture and personal responsibility for the quality of the implementation of the EP.

EEC recommendations on EP 6B07105 "Automation and Control (by industry)":

- Consider the possibility of implementing a KPI system to stimulate the professional and personal development of teaching staff (Deadline: January 1, 2026).

Conclusions of the EEC:

According to the standard "Teaching staff":

EP 6B07105 "Automation and Control (by industry)" has 1 strong and 8 satisfactory positions

6.8 The Standard "Educational Resources and student support systems"

The standard "Educational Resources and Student Support systems"
• Manual of EP must demonstrate the sufficiency of material and technical resources and infrastructure.
* Manual of EP should demonstrate the existence of support procedures for various groups of students, including information and counseling.

* Manual of EP must demonstrate compliance of information resources with the specifics of the EP, including compliance with:
* 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 the territory of the educational organization.
* 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 industries.
* The university must ensure compliance with safety requirements in the learning process.
* The university should strive to take into account the needs of various groups of students in the context of EP (adults, working, foreign students, as well as students with disabilities).

The evidentiary part

West Kazakhstan Innovative and Technological University of has 7 academic buildings, a vivarium, 2 student dormitories, 3 standard gyms and 2 auxiliary halls.

The structure of the library complex includes 2 subscriptions, 3 reading rooms with 420 seats, 1 electronic reading room equipped with computers connected to a local network and with Internet access.

The information infrastructure of the Industry Technology Institute contains about 125 PCs connected to a corporate network with Internet access, 5 computer classes. There is a library with a book collection of over 184,703 units, 1 reading room with 173 seats and 1 subscription department. The informatization of the library is carried out according to the KABIS programs. The library's fund has been updated annually by 1-2 thousand units. Work continues to enter the unified information environment of universities in the CIS countries.

There are canteens and buffets in the academic buildings to provide high-quality meals.

There are 7 medical centers at the university for the organization of free medical care.

There is an editorial and publishing center. There are 2 video studios for recording video lectures, videos, etc.

To organize the educational process, the university is sufficiently equipped with educational and laboratory facilities, modern equipment in classrooms, lecture halls and in all departments of the university.

To solve the housing issue of invited teachers, there is a residential building for teachers.

For the organization of recreation for students and teaching staff, holding mass sports events, the Industrial Technology Institute of has a recreation center "Asan". There is a sauna complex, a kindergarten with 280 beds, a dormitory for students, a house for teachers and staff.

An important factor is the presence of a unified automated system at WKITU: the PLATONUS information system operates at the university, providing technical support to students and teaching staff.

To organize research work and create appropriate conditions for students, the Institute of Industrial Technologies has 13 multimedia projectors, 4 interactive panels and 5 computer classrooms equipped with equipment that meets modern requirements. Each building is equipped with high-speed Internet.

To ensure an appropriate level of security and safety of tangible assets, the university is equipped with a video surveillance system including 186 cameras and an access control system (ACS).

The material and technical base of EP 6B07105 Automation and Control (by industry) meets the licensing and qualification requirements.

In order to modernize and equip specialized laboratories with modern equipment and software, the Department of EACE has drawn up a 3-year Plan for the development of the material and technical base of EP 6B07105 Automation and Control (by industry).

- Based on the 3-year Plan, the following devices and equipment were purchased:
- a sample of a set of educational equipment "Fundamentals of electronics", an EE2-NRK oscilloscope, necessary for conducting laboratory and practical training;
- The Ko-PE-L1 virtual simulator stand is necessary for conducting virtual laboratory and practical classes on the subject of Industrial Electronics;
- a set of educational equipment "Fundamentals of automation" with a laptop - for conducting laboratory and practical classes.

Specialized educational laboratories offer classes in special disciplines, scientific research, clubs, excursions for guests, students and schoolchildren.

Table 8.1 – List of educational laboratories EP 6B07105 Automation and Control (by industry)

№	Name of the laboratory/classrooms	№ classroom
1	Laboratory of Electronics and Automation	317
2	Laboratory of electric drive and RPA	304
4	Laboratory of General Technical Disciplines	409
5	Physics Laboratory	312
6	Chemistry Laboratory	112
7	Laboratory of Electrical Engineering and Electrical Machines	302

At the end of the academic year, the departments submit proposals for the next academic year on equipping laboratories with equipment, purchasing educational literature, visual aids, handouts, furniture, etc. Based on the proposals, a Procurement Plan for the year is drawn up, which is adjusted during the year and considered at meetings of the Institute's Council.

Taking into account the change in the contingent of students in this EP, a new office №310

"Automated control system Design" has been opened, and it is also planned to purchase a relay protection and automation stand.

The scientific library has databases of electronic resources, to which round-the-clock access is provided, as well as access to bibliographic records of the entire book collection through its own server and server technologies.

Table 8.2. - Information about the library resources at WKITU, in the context of the accredited EP

№	The name of the indicator	Indicators
1	The number of seats in the library, including computer classes	173
2	Book Fund	184 703
	Total Kazakh/Russian	102 508 / 82 195
	Educational literature, Kazakh/Russian	39 588 / 37 250
	Educational and methodical literature, Kazakh/Russian	33 854 /29 200
	Scientific literature, Kazakh/Russian	22 220 / 19 222
	on electronic media	3800
3	Funds spent on the purchase of educational literature and periodicals during the reporting period	**10 197 500** tenge
4	**6B07105 Automation and Control (by industry)**	**10 414 types**
	Total, Kazakh/Russian	7 560 / 2 854
	Educational literature, Kazakh/Russian	4 910 / 1 400
	Educational and methodical literature, Kazakh/Russian	1 450 / 850
	Scientific literature, Kazakh/Russian	1 200 / 606
	on electronic media	195 types

The library's main book collection is updated annually by an average of 30-40%. The Library annually subscribes more than 100 titles of magazines and newspapers in the state and Russian languages, as well as textbooks and scientific literature in the state, Russian and English languages, both on paper and on electronic media. The KABIS program (Kazakhstan Automated Library System) is used to provide wide access to information resources.

As part of the agreement with JSC "NCNTI", electronic access to data from Thomson Reuters (Web of Knowledge) and Ebsco resources is provided. Agreements have been concluded with the Republican Interuniversity Electronic Library (RMEB), the Regional Scientific Universal Library named after Zh.Moldagaliev, the Regional Library for Children and Youth named after H.Yesenzhanova, West Kazakhstan regional special Library for blind and visually impaired citizens.

It provides constant advisory assistance to scientists and novice researchers on the use of international databases of scientific citation; registration in Scopus, ORCID, Google Scholar; correction of the author's profile; selection of scientific journals for publications, use of bibliographic tools, etc. The library constantly monitors the publication activity of university scientists.

Users of the Scientific Library are provided with Internet access via a wireless Wi–Fi network, which is installed in the library's reading rooms. This allows the user to quickly obtain international sources from various libraries around the world.

A Support Service has been established at WKITU to monitor the needs of various groups of students and provide social assistance. Documented procedures for PD DSC have been developed 08.PD.25 "On the procedure for the appointment of state scholarships, compensation payments and social assistance to students", PD DSC.08.PD.27 "On support and work with gifted students at WKITU". Every year, socially vulnerable groups (children from large families, orphans, and the disabled) receive tuition discounts at WKITU.

The Industry Technology Institute has a system of student support services.

The University has a Council of young scientists, a Committee on Youth Affairs, student self-government, the team "Club of funny" and "Team Maximum", the youth wing of the Atameken party, the discussion club "Tekti urpaktar", scientific student circles "Scrabble", "Engineering", "Computer graphics", etc., student construction team, detachments "Zhasyl el", sports sections for football, volleyball, basketball, table tennis, chess and checkers, a weekend club (skiing, friendly sparring games in volleyball, football), a running club, a Health Day is held, other student events.

The University's information resources are available to students and teaching staff through the automated PLATONUS system https://platonus.wkitu.kz/. AIS "PLATONUS" allows you to solve the most important task set for the university – providing students, teachers and management personnel with the necessary information resources in order to train highly qualified personnel. The system is being created in order to improve the level and quality of educational services of the university on the basis of modern educational methods using information technologies for complex automation of the educational process.

For students of distance learning technology, cases have been created in the AIS "PLATONUS", which reflect all educational materials.

A wireless Wi-Fi network has been deployed on the territory of the academic buildings and information terminals have been installed, through which students and teachers receive free access to the Internet and the information and educational environment of the university.

In accordance with the Regulations on the detection and Prevention of Plagiarism, approved on January 28, 2020, theses (projects), textbooks, textbooks, monographs, etc., are checked using the automated Anti-plagiarism system at WKITU, StrikePlagiarism (Poland).

– The University uses two programs to check the availability of borrowed material (anti-plagiarism):
  – Automated software package for correlation analysis of texts "Antiplagiat-WKITU" (plagiat.wkitu.kz) (Agreement № 1, dated September 20, 2021);
  – LLC "Plagiat.pl." (StrikePlagiarism.com., www.Plagiat.kz.) (Agreement №301, dated December 15, 2022).
  – "Anti-plagiarism-WKITU" (plagiat.wkitu.kz.) and LLC "Plagiat.pl." (StrikePlagiarism.com., www.Plagiat.kz .) they allow for a high degree of reliability to

ensure an acceptable level of borrowing / uniqueness of the work of students of EP 6B07105 Automation and Control (by industry).

– Students have access to video lectures on disciplines on the channel youtube.com .

The availability, sufficiency and adequacy of software is controlled by the department: issues are considered at the meetings of the methodological seminar and the meetings of the department.

WKITU has an official website http://www.wkitu.kz /. The website is regulated by the current legislation of the Republic of Kazakhstan, the University Charter and other local regulations of the University, as well as decisions of the University administration. The website provides an official presentation of information about the University on the Internet in order to expand the market of innovative educational services of the University, promptly familiarize users / stakeholders with various aspects of the WKITU's activities, and increase the effectiveness of interaction between University departments and the target audience.

The Website contains official information about the main fields of activity at WKITU (academic, scientific, educational, public), information about Institutes, Departments, centers, departments and other departments. The site operates in three languages: Kazakh, Russian and English.

The information resources of the site are open and publicly available, unless the status of individual resources is determined by special documents.

The training places of the students comply with the requirements of state standards, rules on safety and labor protection. Occupational safety and health requirements are mandatory for teaching staff when they carry out educational activities at the university.

In laboratories, premises and workplaces, the safe condition of communications (electric grid, gas pipelines, water supply, sewerage, ventilation), as well as the serviceability of fire-fighting devices, equipment and the availability of protective equipment is ensured. Every year, the classroom fund is repaired and prepared for the new academic year. Before the onset of the heating season, the heating system is being prepared for uninterrupted operation in winter. All types of work are completed by signing an act of 100% readiness and permission to use heat and water.

In order to ensure accessibility of education at the university for people with disabilities, the university's academic buildings are equipped with ramps; toilets are converted according to the requirements of accessibility of the educational environment.

The analytical part

WKITU has a wide range of services that contribute to the successful operation of the educational process, although there is no clearly structured understanding among direct consumers, the reason is obviously a large number of changes that have not yet been fully brought to the attention of all participants.

It should be noted that the prospect of a sharp increase in the contingent for this EP, and even more so, its further increase, which is planned by the Manual of the EP, will require more strict consideration of the degree of workload and the role of support services. The load on the material and technical support of the department's laboratories and educational and production facilities will be especially high. This issue requires careful analysis for the successful implementation of the EP. It is recommended to develop an annual plan for updating and upgrading equipment. For the best

awareness of future applicants, it is necessary to provide measures to inform achievements in this field and ensure conditions for its safe use.

It also turned out that for enterprises there is a demand for retraining of already working personnel, in order to fully meet this demand, the development of training courses on an educational platform is required, since the direct work of teaching staff with this category of students will not be effective and very time-consuming. Also, this measure will make it possible to prepare the teaching staff to work in modern conditions to fully meet the needs of consumers, who are very advanced in terms of using digital platforms and this trend will only grow further.

Strengths / Best Practices:

- were not identified.

EEC recommendations on EP 6B07105 "Automation and Control (by industry)":

- To develop a roadmap for re-equipping/completing the material and technical base of the department to take into account the constantly growing contingent, as well as the rapidly developing automation and control industry (Deadline: January 1, 2024).

- When developing a support system, consider the possibility of introducing regulations for informing students about their rights, responsibilities, as well as the principles of organizing the educational process: student-centered, academic mobility, etc. (Deadline: January 1, 2025).

- Consider the possibility of integrating the current information system for supporting students not only with the ZOOM HCS system, but also the introduction of a full-fledged LMS, for example, based on MOODLE distributed under a free license (Deadline: September 1,2025).

Conclusions of the EEC:

According to the standard "Educational resources and student support systems":

EP 6B07105 "Automation and Control (by industry)" has 8 satisfactory positions and 1 suggesting improvement

6.9 The Public Information Standard
• *The information published by the university within the framework of the EP should be accurate, objective, relevant and should include*
• *implemented programs, indicating the expected learning outcomes;*
• *information about the possibility of awarding qualifications at the end of the EP;*
• *information about teaching, training, evaluation procedures;*
• *Information about passing scores and educational opportunities provided to students;*

information about graduate employment opportunities.

* *The manual of EP should use a variety of ways to disseminate information, including mass media, information networks to inform the general public and interested persons.*

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

* *The university must publish audited financial statements on its own web resource, including in the context of EP.*

* *The university must demonstrate the reflection on the web resource of information characterizing the university as a whole and in the context of educational programs.*

* *An important factor is the availability of adequate and objective information about the staff of the EP, in the context of personalities of EPs.*

* *An important factor is informing the public about cooperation and interaction with partners within the framework of the EP, including scientific/consulting organizations, business partners, social partners and educational organizations.*

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

evaluation procedures.

* *An important factor is the participation of the university and the implemented EP in a variety of external evaluation procedures.*

The evidentiary part

WKITU carries out purposeful work to inform the public about all areas of the university's activities, including the rules for admission of applicants, educational programs, terms and form of study, research work, international relations of the university, employment of graduates, as well as contact and other useful information for applicants, students, teaching staff and all interested parties information. The procedure for informing the public about the university's activities is defined in the intra-university regulatory document Information Policy to enhance the image and strengthen the corporate reputation of the University https://wkitu.kz/wp-content/uploads/2021/10/informacionnaja-politika-po-povysheniju-imidzha-i-ukrepleniju-korporativnoj-reputacii-zkitu.pdf and DSK 08. PD. 77. Regulations on the official WKITU's website. Participants in the process of informing the public are the Rector's office, the department of career guidance and admission, the educational and consulting department, the directorates of institutes, departments, the Registrar's office and other university services.

The University has introduced the position of press secretary, who represents our university to the public and the media, communicates with journalists, provides information about the university, organizes press conferences, creates press releases. The main functions and tasks of the press secretary are described in the DSC.08. PD.78 about the Press Secretary.

The University administration, institutes, and the EP use a variety of ways to disseminate information:

- WKITU's website, Electronic database of the Faculty (EDF);

-social networks and messengers, group chats;

-the work of collegial bodies of the university, faculties, departments (Academic Council, UMS, Institute Council, Commission on Academic Quality, meetings of departments, MSD);

- open days, job fairs, excursions;

-seminars, conferences, meetings, meetings;

- scientific journal of the university "Bulletin of the WKITU";

-printed materials (brochures, booklets, newsletters, etc.);

- advertising in the media, commercials of the WKITU;
- "Hotlines", Call–center work, "Virtual Dean's Office, "Virtual Registrar's Office"; Compliance Specialist
-exhibitions, expositions, presentations;
-personal contacts with interested parties, etc.

Meetings of collegial bodies of the university, institutes and departments are held on a regular basis. Informing students is carried out through curatorial hours, personal meetings, chats, social networks, meetings.

During the academic year, it is planned for the departments to organize meetings with students in order to conduct explanatory work on the specifics of the educational process at the university and living in a dormitory.

Information about the qualifications awarded is also posted on the billboards of the Institute, in career guidance leaflets, on the stands of the department.

Every year, a career guidance group from among the faculty of the Institute of Industry Technologies, according to the approved schedule, conducts awareness-raising work with graduates of all schools and colleges in West Kazakhstan region. In addition to its own Internet resources, the university publishes information about the admission of students to bachelor's and master's degrees in city and regional newspapers, places commercials on local television, and various social networks. Materials about graduates are posted on the university's website and monitored by the heads of the EP and the Department of Career and practice organization.

Information about training, teaching methods, and assessment of academic achievements is contained in the Academic Policy of the WKITU, posted on the university's website.https://wkitu.kz/wp-content/uploads/2022/11/1-akadem-politika-zkitu.pdf

The regulatory documents of the WKITU provide for regular public information about all areas of the university's activities, and systematic updating at WKITU's website.

The main tool for informing the public about the university's activities is the official website of the university www.wkitu.kz., which operates on the principles of openness and accessibility of information.

The site provides general information about the university, institutes, departments, educational programs, forms of study, the order of admission to the university; about the teaching staff of the university, materials on the organization of the educational process; materials on scientific and innovative activities, international contacts of the university; electronic library resources. Information published by the university (www.wkitu.kz) is objective and relevant.

Students and undergraduates have access in AIS "Platonus" to the schedule of classes, information and educational portal, guidebook, electronic library, academic calendar, etc.

In AIS "Platonus", students receive full information about their EP: academic calendar of the university; curricula for the entire period of study; teaching staff, leading training sessions; EMCD (names of disciplines, semester of study, number of credits); viewing the schedule of classes; classrooms (viewing disciplines and study streams, semester and classrooms); your Individual

curriculum plan (ICP); lesson log (viewing the results of the rating, assessment sessions, exams, practice); familiarization with your rating; transcript (to get acquainted with the results of the semester); familiarization with the databases and practice orders; opportunities for academic mobility;

Adequate and objective information about teaching staff in the context of personalities is published on the university's website in the section "Institutes" – "Departments", as well as in the AIS "Platonus". The information about the teaching staff contains information about the teachers of the department on the following points: full name; position; academic / academic degree; academic / academic title; education; disciplines taught; work experience; list of scientific papers; field of scientific research; professional achievements; contact information.

For ease of use, information about teaching staff is distributed among the relevant departments. In addition, information about the teachers of the departments, their contacts, usernames and passwords for entering ZOOM is transmitted to students through chats, Instagram of the institute.

The audited financial statements are posted at WKITU's website in the section "University". Official documents. Financial statements". Here are the Reports of the WKITU on the financial position (balance sheet) as of December 31, 2015-2022, signed by the rector and the chief accountant of the university.

The site also contains up-to-date information about upcoming scientific conferences, holidays, and various events.

To ensure prompt feedback from all internal and external stakeholders (students, teaching staff, employers and other interested parties), the university's website contains contacts of university departments; corporate email address; rector's blog and comments on it; Guest book "questions and answers"; phone numbers of the Call center of all institutes; to visit the library, for living in a hostel, for visiting sports facilities; questionnaires for students and teaching staff.

The site informs students, teaching staff and provides access to the RIEL (Republican Interuniversity Electronic Library), video lectures of universities of the Republic of Kazakhstan, information resources of foreign universities, textbooks of the project "New Humanitarian knowledge. 100 textbooks in Kazakh language", to Scopus databases, the International educational project "Eurasian Olympiads and Competitions", EBS "IPRbooks", EBS "Polpred.com ", Erasmmus.

Public awareness provides support and clarification of the national development programs of the country and the system of higher and postgraduate education.

The WKITU's website contains information about the Message of the Head of State Kassym-Jomart Tokayev to the people of Kazakhstan "The Economic Course of a Fair Kazakhstan" dated January 9, 2023.

The University administration, teachers and students of the Institute of Industrial Technologies listened to the Message and unanimously supported its main priorities. https://wkitu.kz/ru/Meroprijatija/poslanie-glavy-gosudarstva-kasym-zhomarta-tokaeva-narodu-kazahstana/

In the section "Anti-Corruption policy", information support was provided by the National Development Program of the country "Anti-Corruption Strategy of the Republic of Kazakhstan for 2015-2025", legislative acts of the Republic of Kazakhstan on combating corruption, the Anti-Corruption Program for 2015-2025.

The national program "Rukhani zhangyru" received information support from the university. Information is provided on the events held by the university within the framework of "Rukhani

zhangyru". Information is available on the website and access to the national project is given «Жаңа гуманитарлық білім. Қазақ тіліндегі 100 жаңа оқулық».

The Concept of the development of higher education and science for 2023-2029 received information support from the university. (Resolution of the Government of the Republic of Kazakhstan dated March 28, 2023 № 248), on the basis of which the WKITU Development Program for 2023-2029 was developed, approved by the WKITU Academic Council on September 29, 2023 (posted on the WKITU's website).

The University also informs about significant international events with its participation. Thus, from November 05 to November 10, 2023, WKITU students participated in the II Turkic Universiade in 7 sports on the basis of the Olympic Center sports complex and International Kazakh-Turkish University named Yasawi H.A., where some of our students won prizes *https://wkitu.kz/ru/Meroprijatija/ers-ltan-gordost-universiteta/*
https://wkitu.kz/ru/Meroprijatija/serebrjanyj-prizer-ii-tureckoj-universiady/

- The University's administration uses a variety of ways to disseminate information to inform the general public and interested parties. The procedure for informing the public about the activities of the university is defined in the intra-university regulatory document DSK 08. pd. 77. regulation on the official website of the zkitu. among the above-mentioned ways of spreading information, a special role now belongs to social networks. The university has official pages on social networks:
    - Facebook: https://www.facebook.com/zkitu2000
    - Instagram: https://www.instagram.com/zkitu_zko/
    - Vkontakte:https://vk.com/wkitu
    - Youtube:https://www.youtube.com/user/WKITUofficial/featured
- WhatsApp– It is used for informing, feedback through calls, chats of study groups, students and advisors, general chats of departments, institutes.
- The University publishes the scientific journal "Bulletin of WKITU". The journal is published quarterly, articles are published in Kazakh, Russian and English.
- In order to inform students, a hotline has been opened on the issues of intermediate certification in distance learning. All the listed information resources of the university reflect information about the university as a whole, its quality policy, mission, strategic plans of the university, its development and achievements in all areas of activity.
    - - The University regularly informs the public and key stakeholders about all aspects of its activities, conditions and features of the implementation of educational programs.
    - Information about the EP, the above-mentioned NAPS, EP Development Plans, etc. are presented on the server of the Institute "Electronic Database of Industry Technology Institute".

WKITU and the implemented EP participate in external evaluation procedures conducted by various organizations, in particular the National Chamber of Entrepreneurs of the Republic of Kazakhstan "Atameken", the Independent Agency for Accreditation and Rating (NAAR). The University undergoes these external assessment procedures on a voluntary basis. The results of the external assessment are posted on the university's website, in the Industry Technology Institute". Electronic database, as well as through social networks, the site is made available to the public.

In the last 2 years, the educational programs of the Industry Technology Institute of have occupied leading positions and received educational grants from the Ministry of Education and Science of the Republic of Kazakhstan.

WKITU informs the public about cooperation and interaction with partners, including scientific/consulting organizations, business partners, social partners and educational organizations.

At WKITU's website, the section "University" and "Science", there is information about business cooperation with foreign and Kazakh partner universities. WKITU has cooperation agreements with 25 domestic and 44 foreign universities, research institutes, scientific/research and production centers.

Within the framework of agreements on international cooperation in the field of science and education, 8 Plans for creative cooperation on joint research were signed between scientists from the Industrial Technology Institute of WKITU and scientists from Russian universities.

The analytical part

WKITU displays information about its activities in the media and other information platforms quite extensively and reliably. The data on the accredited educational institution and the structural divisions of the university, as well as information systems for the needs of employees and students, are very fully presented.

The results of the training are brought to the attention of students by both the staff of the department and special workers – advisors who help to form a full-fledged perception of the educational process. The main documents of the educational and methodological courses of the disciplines reflect the methods, goals and results of studying each individual discipline, as well as describe the assessment system. To inform students about employment, there is a special service that provides students with information about vacant jobs. And during the practice, there is an opportunity to fully familiarize yourself with the content and conditions of a potential job, and the employer also has the opportunity to choose a more acceptable employee.

The administration pays great attention to informing the public about the regional and national programs being implemented, as it is a center for meetings with representatives of the central government, which uses this university as the main information platform.

On the WKITU's website, when reviewing the composition of the teaching staff, it turned out that data on some teachers were not fully presented, which of course should be corrected, and it is also necessary to work with the young staff to attract them to scientific and social activities at WKITU.

Strengths / Best Practices:

- were not identified.

EEC recommendations on EP 6B07105 "Automation and Control (by industry)":

- Complete the publication of information about the teaching staff involved in the implementation of the EP at WKITU's website (photos, information about education, work experience, advanced training, etc.). (Deadline January 1, 2025).

EEC conclusions

According to the standard "Informing the public":

EP 6B07105 "Automation and Control (by industry)" has 10 satisfactory positions

RECOMMENDATION ON DEVELOPMENT OF THE EDUCATION ESTABLISHMENT

The implementation of reforms and changes, both in the structure of the university and in the implementation of the educational program, should be accompanied by a mandatory explanatory work procedure, for a clear and complete understanding of the measures taken and obtaining the planned results. It is possible to use video clips and other forms of information presentation for clarity and ease of perception of the material.

RECOMMENDATIONS TO THE ACCREDITATION COUNCIL

EEC members recommends that EP 6B07105 "Automation and Control (by industry)" be accredited for a period of 5 (five) years, taking into account the recommendations developed for implementation.

OVERVIEW OF RECOMMENDATIONS FOR THE DEVELOPMENT OF EDUCATIONAL ESTABLISHMENT

The implementation of reforms and changes, both in the structure of the university and in the implementation of the educational program, should be accompanied by a mandatory explanatory work procedure, for a clear and complete understanding of the measures taken and obtaining the planned results. It is possible to use video clips and other forms of information presentation for clarity and ease of perception of the material.

RECOMMENDATIONS TO THE ACCREDITATION COUNCIL

The composition of the EEC recommends that EP 6B07105 "Automation and Control (by industry)" be accredited for a period of 5 (five) years, taking into account the recommendations developed for implementation.

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

№	№	Criteria for evaluation	The position of the organization of education

			strong	Satisfactory	It assumes improvement	Unsatisfactory
Standard "Management of the educational program"						
1	1.	The university should demonstrate the development of a goal and strategy for the development of EP based on the analysis of external and internal factors with the broad involvement of a variety of stakeholders		+		
2	2.	Quality assurance policy should reflect the link between research, teaching and learning.		+		
3	3.	The university must demonstrate the development of 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.	Manual EP ensures transparency in the development of 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 the state, employers, stakeholders and students			+	
6	6.	Manual 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 learning goals, meeting the needs of students, employers and society, making decisions aimed at the continuous improvement of EP		+		
7	7.	Manual EP should involve representatives of groups of interested persons, including employers, students and teaching staff in the formation of EP development plan		+		
8	8.	The university must demonstrate the individuality and uniqueness of the development plan of the EP and its coherence with national development priorities and development strategy of the organization of education.		+		
9	9.	The university must demonstrate a clear definition of those responsible for business processes within the framework of EP, the distribution of staff duties, the differentiation of functions of collegial bodies		+		
10	10.	The Manual EP ensures coordination of the activities of all persons involved in the development and Manual EP, and its continuous implementation, as well as involves all stakeholders in this process		+		

11	11.	The Manual 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 Manual EP should carry out risk management		+		
13	13.	Manual EP 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 EP, including the analysis and implementation of innovative proposals		+		
15	15.	Manual EP must demonstrate its openness and accessibility for teaching staff, employers and other interested persons		+		
Total by standard			**0**	**13**	**2**	**0**
Standard "Management information and reporting"						
16	1.	The university should ensure the functioning of the information collection, analysis and management system based on modern information and communication technologies and software			+	
17	2.	The Manual EP demonstrates the systematic use of processed, adequate information to improve the internal quality assurance system		+		
18	3.	The Manual EP demonstrates the existence of a reporting system reflecting the activities of all structural units and departments within the framework of EP, including an assessment of their effectiveness		+		
19	4.	The university should determine the frequency, forms and methods of evaluation of development of EP, the activities of collegial bodies and structural units, senior management		+		
20	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		+		
21	6.	The university demonstrates the involvement of students, employees and teaching staff in the process of collecting and analyzing information, as well as making decisions based on them		+		
22	7.	Manual EP should demonstrate the availability of communication mechanisms with students, employees and other stakeholders, including conflict resolution		+		
23	8.	The university must ensure the measurement of the degree of satisfaction of the needs of teaching staff, staff and students			+	

		within the framework of EP and demonstrate evidence of the elimination of the detected shortcomings				
24	9.	The university should evaluate the effectiveness and efficiency of its activities, including in the context of EP		+		
		The information collected and analyzed by the university within the framework of EP should take into account:			+	
25	10.	key performance indicators		+		
26	11.	the dynamics of the contingent of students in terms of forms and types		+		
27	12.	the level of academic performance, student achievements and expulsion		+		
28	13.	students' satisfaction with the implementation of EP and the quality of education at the university		+		
29	14.	the availability of educational resources and support systems for students		+		
30	15.	employment and career growth of graduates		+		
31	16.	Students, employees and teaching staff must document their consent to the processing of personal data		+		
Total by standard			**0**	**13**	**3**	**0**
Standard "Development and approval of the educational program"						
32	1	The university must demonstrate the existence of a documented procedure for the development of EP and its approval at the institutional level		+		
33	2	The university must demonstrate the compliance of the developed EP with the established goals and the planned results of the training		+		
34	3	The Manual EP should determine the influence of disciplines and professional practices on the formation of learning outcomes		+		
35	4	The university can demonstrate the existence of a graduate model of EP describing learning outcomes and personal qualities		+		
36	5	The qualification assigned upon completion of EP must be clearly defined, explained and correspond to a certain level of the NSC, QF-EHEA		+		
37	6	The Manual EP should demonstrate the modular structure of the program based on the European Credit Transfer and Accumulation System (ECTS), ensure that EP, its modules (in content and structure) meet the set goals with a focus on achieving the planned learning outcomes		+		
38	7	The Manual EP should ensure that the content of academic disciplines and the results of training correspond to each other and to the level of training (bachelor's degree, master degree, doctoral degree studies)		+		

39	8	The Manual EP must demonstrate the conduct of external examinations of EP		+		
40	9	The Manual EP must provide evidence of the participation of students, teaching staff and other stakeholders in the development of EP, ensuring their quality		+		
41	10	The Manual EP should demonstrate the positioning of EP in the educational market (regional/national / international), its uniqueness		+		
42	11	An important factor is the possibility of preparing students for professional certification		+		
43	12	An important factor is the presence of a double-degree EP and/or joint EP with foreign universities		+		
Total this Standard			**0**	**12**	**0**	**0**
Standard "Continuous monitoring and periodic evaluation of the main educational programs"						
44	1.	The university should ensure the revision of the content and structure of EP, taking into account changes in the labor market, the requirements of employers and the social request of society		+		
45	2.	The university must demonstrate the existence of a documented procedure for monitoring and periodic evaluation of EP in order to achieve the goal of EP. The results of these procedures are aimed at continuous improvement of EP				
		Monitoring and periodic evaluation of EP should consider		+		
46	3.	The content of programs in the context of the latest achievements of science and technology in a particular discipline		+		
47	4.	changes in the needs of society and the professional sphere		+		
48	5.	the workload, academic performance and graduation of students		+		
49	6.	the effectiveness of student assessment procedures		+		
50	7.	the needs and degree of satisfaction of students		+		
51	8.	the compliance of the educational environment and the activities of support services with the objectives of EP		+		
52	9.	All interested parties should be informed of any planned or undertaken actions regarding the EP. All changes made to EP must be published		+		
53	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 EP as a whole		+		
Total by standard			**0**	**10**	**0**	**0**
The standard "Student-centered learning, teaching and assessment of academic performance"						
54	1	The Manual EP should ensure respect and attention to different groups of students and their needs, providing them with flexible learning paths		+		
55	2	The Manual EP should provide 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 EP, including competencies, skills to perform scientific work at the required level				
56	3	The Manual EP should determine the mechanisms for distributing the educational load of students between theory and practice within the framework of EP, ensuring the development of the content and achievement of the goals EP by each graduate		+		
57	4	An important factor is the availability of own research in the field of teaching methods of the disciplines of EP		+		
58	5.	Thee university must ensure that the procedures for evaluating learning outcomes correspond to the planned results and goals of EP		+		
59	6.	The university must ensure the consistency, transparency and objectivity of the mechanism for evaluating the results of EP training. Criteria and methods for evaluating learning outcomes should be published in advance			+	
60	7.	Evaluators should be familiar with modern methods of evaluating learning outcomes and regularly improve their skills in this area		+		
61	8.	The Manual EP should demonstrate the existence of a feedback system for the use of various teaching methods and evaluation of learning outcomes		+		
62	9.	The Manual EP should demonstrate support for the autonomy of students at the same time guidance and assistance from the teacher		+		
63	10.	The Manual EP must demonstrate the existence of a procedure for responding to complaints from students		+		
Total by Standart			**0**	**9**	1	0
Standard ''Students''						
64	1.	Manual EP should demonstrate policy formation contingent of students EP from admission to release and ensure the transparency of its procedures. The procedures governing the life cycle of the students must be approved and published.		+		
65	2.	The Manual EP should provide for special adaptation and support programs for newly enrolled and foreign students				
66	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 informal education		+		
67	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		+		

68	5.	The university should actively encourage students to self-education and development outside the main program (extracurricular activities)			+	
69	6.	An important factor is the availability of a support mechanism for gifted students		+		
70	7.	The university should cooperate with other organizations and national education centers "European network of national information centers on academic recognition and mobility / National Academic Information Centres of Recognition " in order to provide a comparable recognition of qualifications.		+		
71	8.	The university should provide students with places of practice, demonstrate the procedure for facilitating the employment of graduates, maintaining contact		+		
72	9.	The university must demonstrate the procedure for issuing graduates with documents confirming their qualifications, including the achieved learning outcomes		+		
73	10.	The Manual EP should demonstrate that graduates of the program have skills that are in demand in the labor market and that these skills are really in demand in the labor market		+		
74	11.	The Manual EP should demonstrate the existence of a mechanism for monitoring the employment and professional activities of graduates	+			
75	12.	An important factor is the presence of an active alumni association/association		+		
Total by standard			**1**	**10**	1	0
Standard "Teaching staff "						
76	1.	The university should have an objective and transparent personnel policy in the context of EP, including hiring (including invited teaching staff), professional growth and development of personnel, ensuring the professional competence of the faculty	+			
77	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 EP		+		
78	3.	The Manual EP should demonstrate the change in the role of the teacher in connection with the transition to student-centered learning and teaching		+		
79	4.	The university should provide opportunities for career growth and professional development of teaching staff, including young teachers		+		
80	5.	The university should involve in teaching specialists of relevant industries with professional competencies that meet the requirements of EP		+		

81	6.	The university must demonstrate the existence of a mechanism motivation of professional and personal development of teaching staff		+		
82	7.	The university should demonstrate the wide application of the teaching staff of information and communication technology software in the educational process (for example, on-line training, e-portfolio, Moos, etc.)		+		
83	8.	The university should demonstrate the focus of its activities on the development of academic mobility, attracting the best foreign and domestic teachers		+		
84	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 EP		+		
Total by standard			1	8	0	0
Standard "Educational resources and students' support system"						
85	1.	The university must ensure that educational resources, including material and technical, and infrastructure meet the objectives of the educational program		+		
86	2.	The Manual EP must demonstrate the presence of classrooms, laboratories and other facilities equipped with modern equipment and ensuring the achievement of the goals of EP		+		
87		The university must demonstrate the compliance of information resources with the needs of the university and implemented EP, including in the following areas:			+	
	3.	technological support of students and teaching staff in accordance with educational programs (for example, online training, modeling, databases , data analysis programs)		+		
88	4.	library resources, including a fund of educational, methodological and scientific literature on general education, basic and profile disciplines on paper and electronic media, periodicals, access to scientific databases				
89	5.	examination of research results, graduation papers, dissertations on plagiarism		+		
90	6.	access to educational Internet resources		+		
91	7.	functioning of WI-FI on its territory		+		
92	8.	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, employees and students		+		
93	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		+		

		Total by standard	**0**	**8**	**1**	**0**	
Standard " PUBLIC AWARENESS "							
94	1.	The university is required to publish information on its activities in general and the implementation of educational programs. This information must be clear, accurate, objective, relevant and accessible.		+			
95	2.	Public awareness should include support and explanation of the national development programs of the country and the system of higher and postgraduate education		+			
96	3.	Manual EP should use a variety of ways to disseminate information, including information network to inform the general public and interested parties.		+			
97	4.	The information published by the university about the educational program should be objective and relevant and include		+			
98	5.	the purpose and planned results of EP, the qualification assigned		+			
99	6.	information and the system for evaluating students' academic achievements		+			
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 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 EP		+			
		Total by standard	**0**	**10**	**0**	**0**	
		TOTAL	**2**	**93**	**8**	**0**	

Application 2. THE PROGRAM OF THE VISIT TO THE EDUCATIONAL ESTABLISHMENT

Programme
VISIT OF THE EXTERNAL EXPERT COMMISSION (EEC) OF THE INDEPENDENT AGENCY FOR ACCREDITATION AND RATING (IAAR) TO THE WEST KAZAKHSTAN INNOVATIVE TECHNOLOGICAL UNIVERSITY

PRIMARY SPECIALIZED ACCREDITATION
EDUCATIONAL PROGRAMME: 6B07105 AUTOMATIZATION AND CONTROL (BY INDUSTRY)

Date of the visit: December 19-20, 2023

Time	Activity	Details	Location
15.15-16.00	Interview with the EP students	*Appendix 4*	**Conference room** Connect to the Zoom Conference https://us02web.zoom.us/j/4641732969 Conference ID: 464 173 2969
16.00-17.00	Survey of EP students (in parallel)	*Appendix 5*	Ссылка направляется на e-mail обучающегося персонально
16.00-17.00	Meeting with stakeholders (representatives of practice bases and employers)	*Appendix 6*	**Conference room** Connect to the Zoom Conference https://us02web.zoom.us/j/4641732969 Conference ID: 464 173 2969
17.00-18.00	EEC activity, discussion of the results of the Day 1	*External IAAR experts*	**Class room 302** Connect to the Zoom Conference https://us02web.zoom.us/j/4641732969 Conference ID: 464 173 2969
18.00–19.00	EEC activity	*External IAAR experts*	
Day 2: December 20, 2023 year			
09.00-09.30	EEC activity	*External IAAR experts*	**Class room № 302** Connect to the Zoom Conference https://us02web.zoom.us/j/4641732969 Conference ID: 464 173 2969
09.30-11.00	Selective visits to EP practice bases	*External IAAR experts according to the route list* *Appendix 7*	
11.00-13.00	Work with department documents (documents must be uploaded to the cloud in advance, if necessary, Department Heads will be invited to the online office) and attend teaching staff classes according to the schedule	*Appendix 8* Zakharov Viktor Pavlovich –Department Head of Energy, Automation and Computer Engineering, doctor PhD, associate professor Utesheva Gulnar Shaukatovna – Head of the MSD, Deputy of Department Head, master, senior lecturer of the Department of Energy, Automation and Computer Engineering	
13.00-14.00	**Lunch**		
14.00-15.30	EEC activity, discussion of profile parameters (the recording is switch on)	*External IAAR experts*	

Time	Activity	Details	Location / Connection
		Kandakirov Altynbek Mizamgalievich – Department Head of the Information Support Zhubanshev Bekten Umbetovich – Department Head of the Career and organization of practice Tolepbaeva Danagul Sermukhambetkyzy –Department Head of Educational Work and Social Issues	
11.30-11.40	Exchange of views of the EEC members		**Class room № 302** Connect to the Zoom Conference Zoom https://us02wcb.zoom.us/j/4641732969 Conference ID: 464 173 2969
11.40-12.20	Interviews with Department Heads of and Heads of the EP	Zakharov Viktor Pavlovich –Department Head of Energy, Automation and Computer Engineering, doctor PhD, associate professor Utesheva Gulnar Shaukatovna – Head of the MSD, Deputy of Department Head, master, senior lecturer of the Department of Energy, Automation and Computer Engineering	**Conference room** Connect to the Zoom Conference https://us02web.zoom.us/j/4641732969 Conference ID: 464 173 2969
12.20-13.00	Visual review of EP material, technical, educational and laboratory facilities	*Appendix 1 (Route list)* № 112 - Laboratory "Chemistry" № 302 - Laboratory "Electrical Engineering and Electrical Machines" № 304 - Laboratory "Electric drive and relay protection" № 312 - Laboratory "Physics" № 317 - Laboratory "Electronics and Automation" № 409 - Specialized study of general technical disciplines Assembly hall Library Student Service Center	
13.00-14.00	*Lunch*		
14.00-14.15	EEC activity		**Class room № 302** Connect to the Zoom Conference https://us02web.zoom.us/j/4641732969 Conference ID: 464 173 2969
14.15-15.00	Interview with the teaching staff	*Appendix 2*	**Conference room** Connect to the Zoom Conference https://us02wcb.zoom.us/j/4641732969 Conference ID: 464 173 2969
15.00-15.15	Break		
15.00-16.00	Survey of the teaching staff (in parallel)	*Appendix 3*	The link is sent to the e-mail of the teacher personally

Time	Activity	Details	Location / Connection
15.30-15.45	Технический перерыв		
15.45–17.00	EEC activity, discussion of profile parameters (the recording is switch on)	*External IAAR experts*	**Class room № 302** Connect to the Zoom Conference https://us02web.zoom.us/j/4641732969 Conference ID: 464 173 2969
17.00-17.30	EEC activity, discussion, decision-making by voting (recording is being conducted)		**Class room № 302** Connect to the Zoom Conference https://us02web.zoom.us/j/4641732969 Conference ID: 464 173 2969
17.30-18.00	The final meeting of the EEC with the University administration		**Conference room** Connect to the Zoom Conference https://us02web.zoom.us/j/4641732969 Conference ID: 464 173 2969
18.00-19.00	Dinner	*External IAAR experts*	

Application 3. RESULTS OF THE TEACHING STAFF SURVEY

The results of an anonymous survey of the teaching staff

1. Total number of questionnaires: 33 people;

2. Position,%

Professor	27,3%
Docent/ Associate Professor	15,1%
Senior instructor	51,5%
Instructor	3%
Department Head	3%
other	0%

3. Academic degree, academic title

Honored Worker	0%
Doctor of the Science	6,1%
Candidate of the Science	36,4%
Master	30,3%
PhD doctor	6,1%
Professor	12,1%
Docent/ Associate Professor	3%
there is not	18,2%
others	

4. Work experience at this University

more than 1 year	3%
1 year – 5 years	24,2%

more than 5 years	72,7%
other	0%

№	Questions	Very good	good	satisfactory	bad	very bad	there is not answer
1	To what extent does the content of the educational program meet your scientific and professional interests and needs?	63,30%	36,40%	0,00%	0,00%	0,00%	0,00%
2	How do you assess the opportunities provided by the University for the professional development of teaching staff	81,80%	18,20%	0,00%	0,00%	0,00%	0,00%
3	How do you assess the opportunities provided by the University for the career growth of teaching staff	69,70%	30,30%	0,00%	0,00%	0,00%	0,00%
4	How do you assess the degree of academic freedom of teaching staff	48,50%	51,50%	0,00%	0,00%	0,00%	0,00%
	To what extent can teachers use their own	57,60%	42,40%	0,00%	0,00%	0,00%	0,00%
5	• • Learning strategies	63,60%	36,40%	0,00%	0,00%	0,00%	0,00%
6	• • Teaching methods	69,70%	30,30%	0,00%	0,00%	0,00%	0,00%
7	• • Educational innovations	48,50%	51,50%	0,00%	0,00%	0,00%	0,00%
8	How do you assess the work on the organization of medical care and disease prevention at the university?	75,80%	24,20%	0,00%	0,00%	0,00%	0,00%
9	What attention is paid by the management of the educational institution to the content of the educational program?	66,70%	33,30%	0,00%	0,00%	0,00%	0,00%
10	How do you assess the sufficiency and accessibility of the necessary scientific and educational literature in the library?	60,60%	39,40%	0,00%	0,00%	0,00%	0,00%
11	Do you assess the level of conditions created that take into account the needs of different groups of students?	90,90%	9,10%	0,00%	0,00%	0,00%	0,00%
	Evaluate the openness and accessibility of the management	87,90%	12,10%	0,00%	0,00%	0,00%	0,00%
12	• • Students	54,50%	45,50%	0,00%	0,00%	0,00%	0,00%
13	• • teachers	69,70%	30,30%	0,00%	0,00%	0,00%	0,00%
14	Evaluate the involvement of the PPP in the process of making managerial and strategic decisions	87,90%	12,10%	0,00%	0,00%	0,00%	0,00%

15	How is the innovation activity of teaching staff encouraged?	63,60%	36,40%	0,00%	0,00%	0,00%	0,00%
16	Evaluate the level of feedback between the teaching staff and the management	75,80%	24,20%	0,00%	0,00%	0,00%	0,00%
17	What is the level of stimulation and involvement of young professionals in the educational process?	54,50%	45,50%	0,00%	0,00%	0,00%	0,00%
18	Evaluate the opportunities created for professional and personal growth for each teacher and employee	45,50%	54,50%	0,00%	0,00%	0,00%	0,00%
19	Evaluate the adequacy of the recognition by the university management of the potential and abilities of teachers	69,70%	30,30%	0,00%	0,00%	0,00%	0,00%
	How the job is set	78,80%	21,20%	0,00%	0,00%	0,00%	0,00%
20	• • Academic mobility	60,60%	39,40%	0,00%	0,00%	0,00%	0,00%
21	• • Professional development of the teaching staff	45,50%	54,50%	0,00%	0,00%	0,00%	0,00%
	Appreciate the support of the university and its management	42,40%	57,60%	0,00%	0,00%	0,00%	0,00%
22	• • Scientific research initiatives of the Faculty	45,50%	54,50%	0,00%	0,00%	0,00%	0,00%
23	• • Development of new educational programs/academic disciplines/teaching methods	39,40%	60,60%	0,00%	0,00%	0,00%	0,00%
	Assess the level of faculty's ability to combine teaching	57,60%	42,40%	0,00%	0,00%	0,00%	0,00%
24	• • with scientific research	51,50%	48,50%	0,00%	0,00%	0,00%	0,00%
25	• • with practical activities	51,50%	48,50%	0,00%	0,00%	0,00%	0,00%
26	Assess how well the students' knowledge obtained at the university corresponds to the realities of the requirements of the modern labor market	63,30%	36,40%	0,00%	0,00%	0,00%	0,00%
27	How does the management and administration of the university perceive criticism in their address?	81,80%	18,20%	0,00%	0,00%	0,00%	0,00%
28	Do you rate how much your academic workload meets your expectations and capabilities?	69,70%	30,30%	0,00%	0,00%	0,00%	0,00%
29	Evaluate the focus of educational programs/training programs on the formation of students' skills and abilities to analyze the situation and make forecasts?	48,50%	51,50%	0,00%	0,00%	0,00%	0,00%
30	Evaluate how much the educational program in terms of content and quality of implementation meets the expectations of the labor market and employers	57,60%	42,40%	0,00%	0,00%	0,00%	0,00%

Why do you work at WKITU?

Everything is fine

Good staff and students

The team, I like to teach

I fully share the mission, goals, vision and strategy of the university

Highly qualified teaching staff, a number of specialties coincide with the direction of my scientific research, convenient location.

A good team, the salary suits

The organization of the academic year, labor ACA, scientific work, everyone likes.

Centrally located, the organization is very friendly.

I like to work at WKIKU.

There was a lot of support from the leaders when I studied graduate school, the team was well organized and simple. WKITU is the highest quality educational institution in the region,

for which I have been working in this educational institution for 18 years.

We are a very friendly team and I am satisfied with the payment

A good team, a decent salary

There are huge opportunities for self-realization and personal growth, a wonderful team, excellent technical equipment of classrooms, as well as a library.

All conditions have been created at the university for the realization of career growth. A great team. A good salary.

I like working here, I think that we are in no way inferior to state universities in terms of education, we have a good team and the management always supports us.

I like the style of work of the top management - the founder and the rector

Everyone likes the organization of the educational process, respect, pay.

I like it

I am satisfied with everything at this university, I like everything

I like this educational institution in all respects, the course of work, payment of fees, the team, etc.

I am completely satisfied with all the working conditions created by the University management

I like the microclimate in the team, good working conditions, a prestigious university in the region, there is career growth for teaching staff, there is support from the management to combine teaching with scientific research, all conditions for teaching and workplace have been created, good wages, a healthy atmosphere in the team, location in the city center

Excellent conditions have been created for teaching staff

WKITU has created all conditions for the career growth of teaching staff, developed a system of motivation and stimulation of teachers, as well as a system of social support for teaching staff

I am satisfied with the working conditions of the teaching staff, their professionalism and goodwill

To improve professional abilities

I like it

I am satisfied with the proposed list of subjects to be read

All features are provided

A favorable atmosphere in the team, a system of motivation for young scientists, the opportunity to engage in research activities. Wages have been raised this year, and bonuses are given twice a year. Strong social support from the management, being an innovative and technological university, our university is developing in step with the times

At this University, the management supports teachers well in their professional growth It suits you and the conditions have been created all conditions for work are provided

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

very often	often	sometimes	seldom	never
33,3%	57,6%	9,1%	0%	0%

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

very often	often	sometimes	seldom	never
24,2%	72,7%	3%	0%	0%

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

Questions	often	sometimes	never	there is no answer
Lack of classrooms	0,00%	6,10%	93,90%	0,00%
Unbalanced academic load by term	0,00%	3,00%	97,00%	0,00%
Unavailability of necessary literature in the library	0,00%	21,20%	78,80%	0,00%
Overcrowding of study groups (too many students in a group)	0,00%	0,00%	100,00%	0,00%
Inconvenient schedule	0,00%	3,00%	97,00%	0,00%
Inappropriate classroom conditions	0,00%	6,10%	93,90%	0,00%

Lack of Internet access/weak internet	0,00%	9,10%	90,90%	0,00%
Students' lack of interest in learning	0,00%	30,30%	69,70%	0,00%
Late receipt of information about events	3,00%	6,10%	90,90%	0,00%
Lack of technical training facilities in classrooms	0,00%	3,00%	97,00%	0,00%
other problems	No No problems No No problems are not available There are no problems. - I have no other comments. There are no problems. The opinion of teaching staff and students is always taken into account There is no problem Problem no problem There are no problems, but there may be risks associated with the contingent of students, the staff of teaching staff. But we are working on these risks. There are no problems at this time I have no problem there is no problem Everything is solvable and there are no problems			

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

Questions	Completely satisfied (1)	Partially satisfied (2)	Not satisfied (3)	I find it difficult to answer (4)
The attitude of the university administration towards you	93,90%	6,10%	0,00%	0,00%

Relations with administration	100,00%	0,00%	0,00%	0,00%
Relations with colleagues at the department	100,00%	0,00%	0,00%	0,00%
The degree of participation in management decision-making	87,90%	12,10%	0,00%	0,00%
Relations with students	97,00%	3,00%	0,00%	0,00%
Recognition of your successes and achievements by the administration	100,00%	0,00%	0,00%	0,00%
Support for your suggestions and comments	97,00%	3,00%	0,00%	0,00%
The activities of the university administration	100,00%	0,00%	0,00%	0,00%
Terms of payment	97,00%	3,00%	0,00%	0,00%
Working conditions, list and quality of services provided at the university	100,00%	0,00%	0,00%	0,00%
Occupational safety and health	100,00%	0,00%	0,00%	0,00%
Managing changes in the university's activities	97,00%	3,00%	0,00%	0,00%
By providing a social package: rest, sanatorium treatment, etc.	69,70%	24,30%	3,00%	3,00%
Organization and quality of nutrition at the university	84,80%	12,20%	0,00%	3,00%
Organization and quality of medical care	90,90%	9,10%	0,00%	0,00%

Application 4. THE RESULTS OF THE STUDENTS' SURVEY

The results of an anonymous students' survey

Total number of questionnaires: 48

EP 6B07105 Automation and Control

Sex:

Men	89,6 %
Woman	10,4 %

Rate how satisfied you are:

Questions	satisfied fully	satisfied partly	Partially dissatisfied	Not satisfired	I do not know
1. Relations with the dean's office (school, faculty, department)	87,50%	12,50%	0,00%	0,00%	
2. The level of accessibility of the dean's office (school, faculty, department)	83,30%	16,70%	0,00%	0,00%	0,00%
3. The level of accessibility and responsiveness of the management (university, school, faculty, department)	79,10%	18,80%	2,10%	0,00%	0,00%
4. Availability of academic consulting	81,20%	14,60%	2,10%	0,00%	2,10%
5. Support of educational materials in the learning process	79,10%	16,70%	4,20%	0,00%	0,00%
6. Availability of counseling on personal issues	68,70%	27,10%	4,20%	0,00%	0,00%
7. Student-teacher relationship	81,20%	18,80%	0,00%	0,00%	0,00%
8. The activities of the financial and administrative services of the educational institution	79,10%	12,50%	4,20%	0,00%	4,20%
9. Accessibility of Health services	75,00%	20,80%	4,20%	0,00%	0,00%
10. The quality of medical care at the university	72,90%	20,80%	2,10%	2,10%	2,10%
11. The level of accessibility of library resources	79,10%	18,80%	0,00%	2,10%	0,00%
12. The quality of services provided in libraries and reading rooms	66,60%	31,30%	0,00%	0,00%	2,10%

13. The existing educational resources of the university	81,20%	14,60%	4,20%	0,00%	0,00%
14. Availability of computer classes	74,90%	16,70%	4,20%	0,00%	4,20%
15. Availability and quality of Internet resources	81,20%	18,80%	0,00%	0,00%	0,00%
16. The content and information content of the website of educational organizations in general and faculties (schools) in particular	81,20%	14,60%	2,10%	0,00%	2,10%
17. Classrooms, classrooms for large groups	70,80%	27,10%	2,10%	0,00%	0,00%
18. Rest rooms for students (if available)	58,30%	14,60%	6,30%	0,00%	20,80%
19. Clarity of disciplinary action procedures	68,70%	22,90%	6,30%	0,00%	2,10%
20. The quality of the educational program as a whole	85,40%	14,60%	0,00%	0,00%	0,00%
21. The quality of educational programs in the EP	81,20%	18,80%	0,00%	0,00%	0,00%
22. Teaching methods generally	81,20%	16,70%	2,10%	0,00%	0,00%
23. Quick response to feedback from teachers on the educational process	81,20%	16,70%	2,10%	0,00%	0,00%
24. The quality of teaching in general	83,30%	16,70%	0,00%	0,00%	0,00%
25. Academic workload/requirements for the student	87,50%	12,50%	0,00%	0,00%	0,00%
26. Teaching staff requirements for the student	83,30%	16,70%	0,00%	0,00%	0,00%
27. Information support and explanation of the admission rules and the strategy of the educational program (specialty) before admission to the University	79,20%	20,80%	0,00%	0,00%	0,00%
28. Informing the requirements in order to successfully complete this educational program (specialty)	79,20%	20,80%	0,00%	0,00%	0,00%
29. The quality of examination materials (tests and examination questions, etc.)	81,20%	18,80%	0,00%	0,00%	0,00%
30. The objectivity of the assessment of knowledge, skills and other educational achievements	81,20%	18,80%	0,00%	0,00%	0,00%
31. Available computer classes	72,80%	18,80%	4,20%	0,00%	4,20%
32. Available scientific laboratories	83,30%	8,30%	4,20%	0,00%	4,20%
33. Objectivity and fairness of teachers	87,50%	12,50%	0,00%	0,00%	0,00%
34. Informing students about courses, educational programs and academic degrees	95,80%	4,20%	0,00%	0,00%	0,00%
35. Providing students with a dormitory	74,90%	18,80%	0,00%	0,00%	6,30%

Rate how much you agree:

Statement	I fully agree	I agree	I agree partially	I do not agree	Complete disagreement	there is no answer
33. The course program was clearly presented	81,20%	14,60%	4,20%	0,00%	0,00%	81,20%
34. The course content is well structured	75,00%	22,90%	2,10%	0,00%	0,00%	75,00%
35. The key terms are sufficiently explained	72,90%	25,00%	2,10%	0,00%	0,00%	72,90%
36. The material proposed by the teacher is relevant and reflects the latest achievements of science and practice	72,90%	27,10%	0,00%	0,00%	0,00%	72,90%
37. The teacher uses effective teaching methods	66,60%	27,10%	6,30%	0,00%	0,00%	66,60%
38. The teacher owns the taught material	75,00%	22,90%	2,10%	0,00%	0,00%	75,00%
39. The teacher's presentation is clear	68,70%	29,20%	2,10%	0,00%	0,00%	68,70%
40. The teacher presents the material in an interesting way	68,80%	22,90%	8,30%	0,00%	0,00%	68,80%
41. The objectivity of the assessment of knowledge, skills and other educational achievements	72,90%	18,80%	8,30%	0,00%	0,00%	72,90%
42. The timeliness of the assessment of students' academic achievements	72,90%	25,00%	2,10%	0,00%	0,00%	72,90%
43.The teacher meets your requirements and expectations of professional and personal development	75,00%	22,90%	2,10%	0,00%	0,00%	75,00%
44.The teacher stimulates the activity of students	68,70%	29,20%	2,10%	0,00%	0,00%	68,70%
45.The teacher stimulates the creative thinking of students	58,30%	41,70%	0,00%	0,00%	0,00%	58,30%
46.The appearance and manners of the teacher are adequate	70,80%	22,90%	6,30%	0,00%	0,00%	70,80%
47.The teacher shows a positive attitude towards students	77,00%	18,80%	4,20%	0,00%	0,00%	77,00%
48.The evaluation system of academic achievements (seminars, tests, questionnaires, etc.) reflects the content of the course	72,90%	25,00%	2,10%	0,00%	0,00%	72,90%
49.The evaluation criteria used by the teacher are clear and accessible	72,90%	25,00%	2,10%	0,00%	0,00%	72,90%
50.The teacher objectively evaluates the achievements of students	64,60%	35,40%	0,00%	0,00%	0,00%	64,60%
51.The teacher speaks a professional language	66,60%	27,10%	6,30%	0,00%	0,00%	66,60%
52.The organization of education provides sufficient opportunity for sports and other leisure activities	83,30%	16,70%	0,00%	0,00%	0,00%	83,30%
53. Facilities and equipment for students are safe, comfortable and modern	68,70%	25,00%	4,20%	0,00%	2,10%	68,70%

54.The library is well equipped and has a sufficient fund of scientific, educational and methodological literature	64,60%	33,30%	2,10%	0,00%	0,00%	64,60%
55.Equal opportunities for learning and personal development are provided to all students	72,90%	25,00%	2,10%	0,00%	0,00%	72,90%

Other problems regarding the quality of teaching:

No one questions

No one reasons

There are no problems, I am completely satisfied with the training method

All good and all good

We hope to get a good quality education, and in the future we will become a real specialist

No problems, everything is great

This moment is not all, thanks to you

I am dominated only by getting rid of everything here

No problems bother me

No problem, everything is fine on the part of the study, I am satisfied with everything!

We have no problem

If the hostel is located nearby

High salary for an affordable student

Large assortment of food

There were no problems with the quality of training

Second shift in timetable

There were no problems with the quality of training

No questions to worry myself satisfies No problem.

Educational institution, teachers are very good

The hardware problem and the number of PCs in the cabinets are all fine

I am satisfied with the quality of training

No problem

The quality of training is very high and a very high quality education is provided.

The quality of training is at a high level. Teachers do their work carefully

I would like more hot food and a big break every day

I hope that the educational process will be fully satisfied, and all conditions are provided for students. With regard to the quality of training, I completely agree that everything is good

It's very hard on the second shift.

Creating video lessons

I am satisfied with the quality of training

The quality of training is fully satisfied

Completely satisfies the quality of training

The study system is completely satisfactory

As for the quality of training, I am completely satisfied. At present, the quality of Education has been improved using various methodic and technologies.

The second shift is bad, the first is good

The quality of education is high. The material and technical base is provided with new technologies.

I am completely satisfied with the study system

I am satisfied with the quality of training. The quality of education is high. The material and technical base is provided at a high level.

 Classes are conducted with new technologies.

Everything is at the highest level, the mat / tech base is all satisfied

Training using new technologies with good quality