

**INDEPENDENT AGENCY OF
ACCREDITATION AND RATING**

EXTERNAL COMMISSION OF EXPERTS



Independent agency for
accreditation rating

**It is addressed
To accreditation
Of IAAR (NAAR)**

REPORT

**on results of work of an external commission of experts on an assessment
on compliance to requirements of educational programs to standards of specialized
accreditation**

5B070400 - Computer facilities and the software

5B070200 - Automation and Control

**5B090100 - The organization of transportations, movements and operation of
transport**

5B071300 - Transport, transport equipment and technologies

**KOSTANAY ENGINEERING and ECONOMIC UNIVERSITY
named after M. DULATOV**

November 18 - 20, 2015

Kostanay, 2015

According to the order of Independent agency of accreditation and a rating 29-15-OD of 16.11.15, from November 18 to November 20, 2015 in M. Dulatov Kostanay Engineering and Economic University, an external commission of experts carried out an assessment of conformity of educational programs 5B070400 – Computer facilities and the software, 5B070200 - Automation and Control, 5B090100 - The organization of transportations, movements and operation of transport, 5B071300 - Transport, transport equipment and technologies, to standards of specialized accreditation of IAAR.

The report of the external commission of experts (ECE) contains an assessment of the provided educational programs of the organization of education to criteria of IAAR, the recommendation of ECE for further enhancement of educational programs and parameters of a profile of educational programs KInEU.

Structure of ECE:

The commission chairman is Kosov Vladimir Nikolaevich, Doctor of Physical and Mathematical Sciences, professor, Abay Kazakh National Pedagogical University.

1. **The foreign expert** – Petr Hajek, PhD, professor of the Central Bohemian University (Prague, the Czech Republic);

2. **The expert** - Turtkarayeva Gulnara Bayanovna, Candidate of Pedagogic Sciences, Associate Professor, Sh. Ualikhanov Kokshetau State University (institutional);

3. **The expert** - Hamrayev Sheripidin Itakhunovich, Candidate of Engineering Sciences, Associate Professor, Abay Kazakh National Pedagogical University (cluster1);

4. **The expert** - Sembayev Nurbolat Sakenovich, Candidate of Engineering Sciences, S. Toraygyrov Pavlodar State University (cluster1);

5. **The expert** - Aldabergenova Saule Salimzhanovna, Master of Engineering Sciences, S. Seyfullin Kazakh Agrotechnical University of (2nd cluster);

6. **The expert** - Akhmedyanov Abdullah Ugubayevich, Candidate of Engineering Sciences, Associate Professor, L.N. Gumilev Euroasian National University (the 2nd cluster);

7. **The employer** - Olkinyan Lyudmila Yurevna, the director of the Center of training and personnel development JSC Agromashholding and Saryarkaavtoprom LLP (Kostanay);

8. **The student** - Abilnasirova Symbat Adilbekkyzy, 3rd year student of ENU;

9. **The observer from Agency** - Kanapyanov Timur Erbolatovich, the head of the international projects of Agency (Astana).

CONTENT

1	PRESENTATION OF M. DULATOV KOSTANAY ENGINEERING AND ECONOMIC UNIVERSITY.....	4
2	OVERALL ASSESSMENT OF EDUCATIONAL PROGRAMS.....	5
3	DESCRIPTION OF VISIT OF ECE.....	6
4	COMPLIANCE TO STANDARDS OF SPECIALIZED ACCREDITATION.....	7
	RECOMMENDATIONS FOR HIGHER EDUCATION INSTITUTION	26
	RECOMMENDATION FOR ACCREDITATION COMMITTEE	28

INDEPENDENT AGENCY

1 REPRESENTATION OF M. DULATOV KOSTANAY ENGINEERING AND ECONOMIC UNIVERSITY

Myrzhakyp Dulatov Kostanay Engineering and Economic University (KInEU) is the higher educational institution having the status of the legal entity, realizing professional educational programs of the higher and postgraduate education.

KInEU has necessary standard legal documents for maintaining educational activities (the license No. No. 12020748 of 05.11.2012, Charter KInEU, a packet of internal standard materials, professional educational programs).

Opening in 1996 Institute of Business and Management LLP transformed a year later to Institute of Business and Management, the organization, where students were educated on three economic specialties - Economy and Management, Financial Accounting and Audit, International Economic Relations, became a basis for emergence of KInEU, its formation and further development:

In 1999 the first release of students on the reduced educational program of a full-time and correspondence departments was 43 people. In 2000 the contingent of graduates has constituted 56 people, in 2001 – 150 people.

In February, 2001 the Institute of Business and Management has been transformed to Engineering and Economic University.

On May 30, 2003 by the order of the Government of the Republic of Kazakhstan from No. 497 “About the name and renaming of the organization of formation of the RK” a name of the Kazakh public figure Myrzhakyp Dulatov was appropriated to this Higher education institution.

In April, 2007 Private Institution “M. Dulatov Kostanay Engineering and Economic University” became the founder of the Private Institution “Kostanay Engineering and Pedagogical University”.

In 2009 the university has successfully passed the state certification on compliance of level of education of specialists to the state obligatory standards of formation of the RK.

15.12.2011 Private Institution “M. Dulatov Kostanay Engineering and Economic University” was reorganized by accession of Kostanay Engineering and Pedagogical University.

The development of M. Dulatov Kostanay Engineering and Economic University is determined by aiming at transition from former model of educating specialists to the international practice, integration into the European zone of a higher education.

On September 16, 2011 KInEU has signed the Great Charter of Universities (Magna Charta Universitatum, Bologna) and by that has undertaken the liability to develop autonomy, democratic principles of management, the academic freedoms of students, scientific researches, educational programs, inseparability of teaching and researches.

Now the structure of the University includes 3 faculties (Economic, Engineering and technological, Faculty of the correspondence and distance learning), 8 departments (Economics, Management, Accounting and Audit, History of Kazakhstan and Socio-humanitarian Disciplines, Standardization and Food Technologies, Information Technologies and Automatic Equipment, Power and Mechanical Engineering, Transport and Service), Management of the organization and planning of educational process, Training center on retraining and advanced trainings of personnel, the Center of an energy efficiency, the Information and technical center, the Consulting center, Technical and economic college, etc.

Forces of eight departments of higher education institution conduct preparation on 18 specialties of a bachelor degree and two programs of magistracy.

In 2011 two specialties of bachelor degree of KInEU passed accreditation in the AIOR Accreditation center, Russia (Association of Engineering education in Russia) with assignment of the European quality label of EUR-ACE® Label: Educational Programme 5V073200 Standardization, metrology and certification on (industries); Educational Programme 5V071300 Transport, transport equipment and technologies.

2 OVERALL ASSESSMENT OF EDUCATIONAL PROGRAMS

Development of EP 5V070400 - Computer Facilities and Software begins in 2006, with receipt of the license for educating bachelors in the specialty 050704-Computer Facilities and Software. Preparation on this specialty was performed by forces of Department of Information Technologies.

In 2009 EP is appropriated the code 5B070400, the academic degree – the Bachelor of Equipment and Technologies in the specialty 5B070400 - Computer Facilities and Software is appropriated to the graduate on this educational program. Preparation on this specialty is performed on intramural and extramural forms of education in Russian. EP provides educational trajectories: Firmware and IT in designing. The Department of Information Technologies and Automatic Equipment provides that.

Development of EP 5V070200 - Automation and Control begins since 2001 when based on Power Engineering Specialists and Automatic Equipment department the specialty 360340 – Automatic equipment, telemechanics and communication has been open (qualification – an engineer of mechanization and automatic equipment). Since September, 2004 based on the changed State general education standard approved by Ministry of Education and Science of the Republic of Kazakhstan (MES of the RK's) order from 8/7/2004 No. 671 preparation in the specialty 050702 – Automation and Control (the Bachelor of Automation and Control) was performed.

In 2009 EP Automation and Control was appropriated the code 5B070200. Now preparation on EP 5V070200 - Automation and Control is conducted in the state and Russian languages, on intramural and extramural forms of education. EP includes two trajectories: The Automated Engineering Procedures and Systems of Management Automation. To the graduate who has successfully mastered an educational program the academic degree the Bachelor of Equipment and Technologies of EP 5V070200 - Automation and Control is awarded. Preparation for this specialty is performed by Department of Information Technologies and Automatic equipment.

Educating students on specialty 300140 – Organization of transportations and management (qualification – the engineer in the organization of transportations and management) has been begun in September, 2002 with forces of Transport and Service Department. In 2004 with entering of the new standard in the specialty by department education of bachelors on the specialty 050901 – Organization of transportations, movements and operation of transport began to be performed. In 2009 EP is appropriated the code 5B090100 (the academic degree – the Bachelor in the field of services in the specialty 5B090100 Organization of transportations, movements and operation of transport). Training of specialists is conducted in two languages (state and Russian) on intramural and extramural forms of education. EP includes two trajectories of training – Management of operational work, Management of cargo work. Release is performed by Transport and Service Department.

The set in the specialty 050713 Transport, transport equipment and technologies is performed since 2006 (the Bachelor of Transport). In 2009 EP is appropriated the code 5B071300 Transport, transport equipment and technologies (the academic degree – the Bachelor of Equipment and Technologies in the specialty 5B071300 - Transport, transport equipment and technologies). Preparation of specialists is conducted on full-time courses in the Russian and Kazakh languages. EP provides educational trajectories: Technical operation of cars and Cargo work management. The Department of Transport and Service provides that.

Training of bachelors on the accredited educational programs is performed based on the State obligatory standard of the higher education approved by the Order of the Government of the RK No. 1080 from 8/23/2012 and also according to Requirements to a skill level and competence of bachelors according to programs 5B070400 - Computer facilities and software, 5B070200 – Automation and Control, 5B090100 - The organization of transportations, movements and operation of transport, 5B071300 - Transport, transport equipment and

technologies.

Training in all EP is realized based on the license AB No. 12020748 of November 05, 2012 granted by Committee on control in education and MES of the RK's sciences.

It should be noted what KInEU is the unique higher education institution in this region educating students on EP 5V070200 – Automation and Control and 5B090100 - The organization of transportation.

3 DESCRIPTION OF VISIT OF ECE

Work of ECE was carried out based on the Visit schedule of a commission of experts on specialized accreditation of educational programs in KInEU during the period November 18-20, 2015.

For receipt of the objective information about quality of educational programs and all infrastructure of higher education institution, refining of contents of reports on a self-assessment meetings with the rector, vice rectors, the chief of the department of the organization and planning of educational process, the head of the planning department of educational process, the head of department of the organization and control of educational process, the head of office of the registrar, the head of the center of distance learning, the head of department of public relations, the head of the information and technical center, the deans of faculties, heads of departments, teachers, students, graduates and employers have taken place. In total 236 people (table 1) have participated in meetings.

Table 1 - The information about employees and students, participated in meetings with ECE IAAR

Category	Number
Rector	1
Pro-rectors of different activities	3
Deans, Heads of Departments, Heads of Structural Divisions	30
Teachers	62
Students	69
Graduates	41
Employers	30
In total	236

In the course of work of ECE visual inspection of infrastructure of the higher education institution is performed:

- educational laboratories of faculties, assembly hall, library, consulting center, department of international cooperation, museum of M. Dulatov, sports complex, medical aid station and ground.

Members of ECE attended classes of teachers of the accredited EP:

- practical class of senior teacher Savchenko E.A. of Transport and Service Department taking place on November 19, 2015 at 11:15 in a classroom 111/1. The topic of the lesson was «Calculation of routes number, creation of the schedule of routing and determination of efficiency of route transportations». The students of 2 groups 1OP311 and 1OP321 of EP 5V090100 Organization of transportations, movements and operation of transport were present at the lesson (9 students).

- practical classes of the senior teacher Bekhtold T.G. were given on November 19, 2015 at 11:15 in a classroom 111/2 for 2nd year students of EP 5V071300 «Transport, transport equipment and technologies» in group 1TT211 on discipline «Vehicles». The subject of practical class was «The device of axle boxes of a railway rolling stock» included questions appointment and classifications of axle boxes, design features of axle boxes, the main requirements imposed

to axle boxes;

- practical class of the senior teacher Agdavletova A. of the Department of Information Technologies and Automatic Equipment for 4th year students of EP 5V070400 - «Computer facilities and the software»;

- practical class of the senior teacher Shulek E.V. of the Department of Information Technologies and Automatic Equipment for 2year students of EP 5V070200 - «Automation and Control».

In general, the commission has noted a high quality of carrying out practical training and sufficient level of pedagogical skill.

Members of ECE have visited bases of practice of the accredited programs: KF AO Agromash Holding, JSC, Saryarka Avtoprom LLP, Agrotechmash LLP, Kazakhstan Temir Zhola National Company (Kostanay department of the road) JSC, Transtelkom, JSC.

The actions planned within visit of ECE IAAR promoted detailed acquaintance of experts with educational infrastructure of the university, material resources, the faculty and employees, students, representatives of employers, graduates. It has allowed members of ECE IAAR to carry out independent assessment of conformity of the data stated in reports on a self-assessment of educational programs of university, criteria of standards of specialized accreditation.

4 COMPLIANCE TO STANDARDS OF SPECIALIZED ACCREDITATION

4.1 Management of an Educational Program standard

The accredited educational programs are designed according to regulating documents of MES of the RK and standard curricula on the corresponding Educational Program, will be approved with mission of the higher education institution and requests of employers.

Provision of high-quality educational services in the higher education institution, adequacy of the available educational programs to modern requirements are at the sufficient level.

By results of anonymous questioning of teachers (65 people) on the question «How Mission and Strategy of Higher Education Institution Is Reflected» the following estimates have been received:

- in educational programs: 45% - are very good, 54% - are good;
- in an assessment procedure: 34% - are very good, 66% - are good;
- in innovative programs: 37% - are very good, 61% - are good.

Planning of educational process is provided by structure of the interconnected documents (standard curricula, the catalog of elective disciplines (CED), working curricula, individual curricula, working curricula of EP) and the complex consisting of different types of educational and methodical documentation.

Catalogs of elective disciplines in which disciplines of a component for choice with indication of the summary are described are annually developed for implementation of educational programs by higher education institution. CED is available for students on paper and electronic media. The structure and contents of working curricula correspond to regulating documents of MES of the RK. The sequence of studying of disciplines is constructed with use of system pre-and post-details.

Educational programs are provided with working curricula, syllabuses, educational and methodical complex of a discipline (EMCD) which content is regularly staticized, answers specifics of EP and is developed according to regulating documents.

In a work progress EMCD are studied:

- for EP 5V070400 – Computer Facilities and Software on discipline: «Algorithmization and technology of programming»;

- for EP 5V070200 – Automation and Control on discipline: «Channel-forming devices»;

- for EP 5V090100 – The organization of transportations, movements and operation of transport on disciplines: «Organization of transportations and traffic control» and «Safety on transport»;

- for EP 5V071300 – Transport, transport equipment and technologies on disciplines: «Bases of technical operation of transport equipment», «Power stations of transport equipment»;

In case of determination of competences, results of training of EP created in case of implementation and further for forming of content of training as basic data are used:

- requirements of the state obligatory standards of the higher and postgraduate education approved by the Order of the Government of the Republic of Kazakhstan on August 23, 2012 No. 1080;

- requirements of the National frame of qualifications approved by the joint order of the Acting Minister of Labour and Social Protection of the population of RK from 9/24/2012 No. 373

- requirements of standard curricula for the corresponding direction of preparation;

- the specific requirements of potential employers to graduates of this profile, level and the direction revealed by means of questioning of employers and participation in a job fair;

- requirements of the labor market.

In table 2 the changes made to the accredited EP by results of participation of employers in management of EP are provided.

Table 2 - Participation of employers in management of educational programs

EP	Employer	Suggestions	Changes in EP
5B070400 Computer Facilities and Software	Lepetin A.G. – director of [TOO] SoftIntegratsiya, LLP	To implement into the educational process some disciplines on studying of the 1C software product intended for automation of activities at the entity.	The catalog of the elective disciplines of specialty 5B070400 "Computer facilities and software" for students of 2014 includes disciplines "Bases of configuring and administration in 1C:Enterprise" and "Knowledge of features and application of the program 1C:Bookkeeping ". The minutes of department No. 8 from 16.06.2014.
5B070200 Automation and Control	Son D.A. – Deputy Managing Director of [AO] TransTelecom, JSC	To recommend for studying a course "Technology of a wireless communication"	The catalog of the elective disciplines of specialty 5B070200 "Automation and Control" for students of 2014 includes discipline "Technology of a wireless communication". The minutes of department No. 8 from 6/16/2013.
5B090100 The organization of transportations, movements and operation of transport	Kurmanalinov N. Zh. - Chief Engineer of Kostanay branch of the road of NC KTZ, JSC	To bring in a component for choice a discipline "Traffic control and work of a locomotive park"	In 2013-2014 the discipline "Traffic control and work of locomotive park" was included in a trajectory of an educational program "Management of an operational work"
	Shevtsova A.A. - Head of Cargo and Commercial Work of Kostanay branch of the road	To include skills of use and development of a handling and carrying capacity of transportation networks in a competence-based model of the graduate of EP 5V090100 – the Organization of transportations, movements and operation of transport for a trajectory "Management of an operational work"	In 2014-2015 the corresponding competence was added to an educational program of specialty 5B090100 – the Organization of transportations, movements and operation of transport trained on a trajectory "Management of an operational work"

5B071300 Transport, transport equipment and technologies	Dzhanturin MG - Director of [TOO] Askom and K, LLP	To enter a discipline "Assembly of cars" into a component for choice of specialty	In 2013-2014 academic year the discipline "Assembly of cars" is brought in a trajectory "Production of cars"
	Romanov V.A. - Director [TOO] Ural LTD, LLP	To include knowledge of bases of engineering procedures of service on transport in competence-based model of the graduate of EP on a trajectory "Technical operation of the car"	In 2014-2015 academic year the corresponding competence was added to an educational program of the specialty "Transport, Transport Equipment and Technologies" on a trajectory "Technical operation of the car"

Such disciplines as «Systems of automatic equipment and telemechanics», «Automation of standard engineering procedures and productions», «The applied theory of information», «Modeling and identification of objects of management», «Microprocessor complexes in management systems» helps to achieve a competence in a professional area activity of EP 5V070200 – «Automation and Control».

Professional competences of students of EP 5V070400 – «Computer facilities and the software» are created within the disciplines: «A basis of configuring and administration in 1C:Enterprise», «Introduction in configuring in system 1C:Enterprise. Main objects», «Knowledge of features and application of the program 1C:Bookkeeping», «1C:Programming».

For the knowledge acquisition and skills promoting growth of professional competences, EP 5V090100 – «The organization of transportations, movements and Operation of transport» includes the following disciplines: «Operation of railway vehicles», «Engineering geodesy», «Organization of transportations», «Transport logistics», «Technology and mechanization of handling works».

Professional competences of students of EP 5V071300 – «Transport, transport equipment and technologies» are created within disciplines of an obligatory component («The theory of machines and mechanisms», «Details of machines», «Power stations of transport equipment») and a component of choice («Technology of application of modern diagnostic devices and servicing of cars», «Maintenance and repair of transport equipment»).

The system of monitoring of implementation of plans for development of EP turns on the following mechanisms:

- annual statements the departments and the faculty;
- annual statements of teachers of the department;
- results of internal audits;
- consideration of questions of development of the different directions of training of specialists at meetings of collegial bodies.

In management of EP information system, which basic elements are: ACS «Electronic Higher Education Institution», the automated information Platonus system, the ALTYN-Kadry PC, system 1C: Accounts department, the automated library and information system «KABIS. Standart», electronic library, control and management system for access is used.

Questions of development of the accredited EP are regularly considered at meetings of collegial bodies: Academic council of KInEU, Council of Technical faculty, Methodical council of faculty, educational advisory board of KINEU.

At the same time the commission notes that in management process of EP risks are fully not studied and ways of their decrease are not determined, the analysis of the revealed discrepancies is not carried out and corrective actions are not developed.

Poll among teachers has shown that the management of the higher education institution pays very good attention to content of an educational program (51% of respondents) and good attention – 48% of respondents.

Training at the level of a bachelor degree is regulated:

1. Separate procedures (PRO KInEU 701-12 «Professional orientation work», PRO KInEU 702-12 «Forming of the contingent», PRO KInEU 703-12 «Educational and methodical work», PRO KInEU 704-12 «Planning of educational process», PRO KInEU 705-12 «Educational process», PRO KInEU 706-14 «Assessment of students knowledge », PRO KInEU 708-12 «Quality control of educational process», PRO KInEU 709-14 of «Practician of students and undergraduates», PRO KInEU 710-12 «Employment of graduates»).

2. Provisions (About development of UMKS – August, 2010; About development of educational and methodical materials – August, 2012; About development of EP – June, 2014; About professional practice – June, 2014; About the organization of training in remote educational technologies – August, 2014 etc.).

The official web-site of the university is <http://kineu.kz/> , provided in three languages: Kazakh, Russian and English. The website allows to connect students, teachers, administration and the public. All educational, scientific, student's life is reflected in the website. Entrants, students and teachers can ask questions, learn about the forthcoming events, place information on the held conferences, actions. The website of University contains pages of separate divisions: faculties, departments, teachers personal pages and so on. In addition there are subsites of the entrant, student, distance training. Also on the website the strategic plan of development of KInEU of M. Dulatov is provided.

The official site of the higher education institution contains accessible special forms of feedback («to write us», «I want to study in KInEU»), where any interested person can write us the message, having attached the data (First name, middle initial, last name, number of the cell phone, the e-mail postal address for contact). Information arrives on mail of KInEU, after check of mail by the moderator, letters are sent to mail of a selection committee and other instances and archived. Also the following pages as the complaint book and No corruption are available here. Any user of any social network can freely log in commenting and to leave the comment on these pages on its own behalf, without registration.

Data on quality and achievements of the accredited EP are published not only on the official site of University, but in regional periodicals «Kostanaiskie novosti» (Kostanay news), «Kostanay Agro», «Uchitelskaya plus» (A teacher's room plus) (<http://lib.kineu.kz/index.php?post=3817>, <http://lib.kineu.kz/index.php?post=2559>).

An interview with students about usefulness of the website of the organization in general and faculties in particular, showed that 80%, from number of respondents, are completely satisfied, 17,8 - are partially satisfied, 2,2% - are partially not satisfied.

In case of implementation of EP its compliance to market requirements of work is provided with high percent of employment of graduates (on average to 75%), and also positive responses of employers who note at graduates of educational programs availability of the created basic competences, ownership of skills of professional and interpersonal communication, personal and all-professional competences.

Availability of a feedback system and the informing of students, workers and interested people is provided with systematic meetings of the rector and dean with collective, functioning of self-government institutions and institute of a coaching, availability of the e-mail address of the rector, dean, managers of departments on the website of university.

In case of anonymous questioning of students (77 people) by respondents complete satisfaction is noted:

- general quality of training programs (71,1%);
- quality of teaching (71,1%);
- justice of examinations and certifications (75,6%);
- level of availability of library resources (76,6%);
- the existing educational resources (76,6%);
- level of availability of dean's office (88,9%);
- objectivity and justice of teachers (86,7%);
- timeliness of estimation of students (77,8%).

In case of anonymous questioning of teachers (61 people) respondents note:

- good (60%) and very good (33,8%) opportunity for continuous development of potential of teaching staff;
- good (32,3) and very good (64,6%) an opportunity to use own innovations in training process;
- good (47,7%) and very good level (50,8%) the level of attention of a management of higher education institution to content of an educational program;
- good (32,3%) and very good (61,5%) level of availability of a management to teachers;
- good (41,5%) and very good (46,2%) faculty's feedback level with a management;
- good (53,8%) and very good (29,2%) conditions for advanced training of faculties;
- good (55,4%) and very good (40,0%) the level of knowledge of students conforming to requirements of the modern labor market.

For the purpose of enhancement of management processes of educational programs the commission recommends:

1. To carry out the analysis of compliance of the development plan for educational programs of the operating Strategy of development of institute and on the basis of the obtained data to enhance development plans for the accredited educational programs, to speed up work on the analysis of success of implementation of educational programs with the subsequent corrective actions;

2. To carry out a risks assessment of development of an educational program in a full compliance with Strategy of development of institute and to develop the mechanism of their decrease;

3. To strengthen further development of cooperation with the domestic and foreign higher education institutions realizing similar educational programs.

ECE notes that according to the Management of EP standard 37 criteria from which 2 have a strong position, 31 – satisfactory and 4 are opened – assumes improvements.

4.2 Specifics of an Educational Program standard

Competence-based models of training of specialists which satisfy to requirements of the labor market and requirements of employers are the cornerstone of the accredited EP and correspond to a qualification framework of the bachelor.

As the credit technology of education is based on the independent student choice of EP, departments attach great value to forming an individual trajectory of education taking into account the personal requirements and opportunities, which are provided in the individual curriculum (IC). ICs determine an educational trajectory of each student and are created according to the curriculum and the catalog of elective disciplines for each academic year based on that the working curriculum is created.

Procedure of selectivity will be organized by department office registrar with the methodical and advisory help of departments and adviser. Adviser carries out consulting and methodical work with trained concerning creation of an individual trajectory, the choice of modules, disciplines and teachers.

The period of creation and approval of IC is specified in the academic calendar. For 1st year students advisers carry out consulting and methodical work to the period from August 25 to September 1, for the students of 2,3,4 courses from April 1 to April 15, record on disciplines is carried out to the same period.

The management of EP provides equal opportunities students, including regardless of language of training in forming of the individual educational program directed to forming of professional competence.

There is a system of monitoring of promotion students on an educational trajectory and

their achievements.

Control of results of study process within all types of studies, complexes of tasks satisfies the principles of a practical orientation, accounting of requirements and consumer interests according to recommendations of the Dublin descriptors.

Teachers of the Departments «Information technologies and automatic equipment» and «Transport and Service» use traditional forms of tasks for the knowledge control – oral poll (frontal poll, a colloquium, a seminar), examination, exercises, the solution of tasks, performance, paper and computer testing, individual tasks and term papers. It is possible to carry such methods to innovative methods as:

- the electronic presentations and textbooks, virtual laboratory practical works applied by teachers of department «Information technologies and automatic equipment»;
- accomplishment students individual tasks by method of modeling of process of transportations on the exercise machine, applied at Transport and Service department (development of work of the train flight controller, practical tasks for development of electric centralization of arrows and signals, development of practical skills of maintenance of cars based on branch of department in TOO Avtokompleks Tarlan (Auto complex Tarlan, LLP).

Final control is exercised in the form of computer testing or oral examination with accomplishment of practical tasks.

The management of EP creates the mechanism of monitoring of satisfaction students activities of a higher education institution in general and separate services in particular, and functioning of the feedback system including operational submission of information on results of a knowledge assessment of students.

There is an annual review of contents of curricula and educational programs taking into account current trends of development of science, changes in the labor market, the wishes of students and teachers.

Practicians, representatives of the entities, organizations, other structures are involved in examination of curricula, regarding elective disciplines, participate in implementation of EP, both at a stage of development of training courses, and in the course of forming of subject competences, i.e. give lectures, carry out round tables, master classes, seminars, perform management and reviewing of theses, etc.

The departments showed developed models of graduates of the educational programs including knowledge, abilities, skills, competences and personal qualities of all educational programs. The analysis of the provided models specifies features of EP.

Members of ECE have had talks with the teaching staff, employers, graduates of different years, students of different rates. From employers there were representatives of the entities: TOO SoftIntegratsiya (Soft integration LLP), AO Transtelekom (JSC Transtelecom), Ivolga-Rastr LLP, JSC AgromashHolding, Saryarkaavtoprom LLP, KF KTZh (Kostanay department of the road, JSC).

The quality evaluation of educational programs was carried out on the basis of the analysis of curricula, the catalog of elective disciplines, EMCD, questioning of students and faculties, visit of lessons.

Questioning students, interviewing participants of educational process, the inspected material and technical resources show that interactive methods of teaching, and also information and computer technologies are regularly applied in the educational process.

Some disciplines allowing to receive skills of work on the equipment used on production are systematically entered in EPs. Programs of the basic and main subjects include modern achievements of science, equipment and technology of management for the direction of preparation.

For example, for forming professional competences of students for the last three years new disciplines taking into account market requirements of work, wishes of interested people have been entered.

Strengths according to this standard is that EP 5V090100 - «The organization of

transportations, movements and operation of transport» is provided with modern educational laboratories and stands.

At the same time, the commission notes insufficient harmonization of content of educational programs with educational programs of the leading foreign and Kazakhstan higher education institutions. It is expressed in insufficiency of teaching staff with the scientist degrees for opening of the following step of education, weak practice-orientation of educational programs. It will facilitate one more major aspect of integration, the academic mobility, and moreover promotes development of decisions on problems of recognition and equivalence of diplomas.

For the purpose of enhancement of specifics of educational programs the commission recommends:

- 1. To provide implementation of process of diagnostics of students knowledge at the beginning of the course in EP or a separate subject matter;*
- 2. To consider the possibilities of the organization of dual education on older years and implementation of joint EP with other higher educational institutions;*
- 3. To provide a continuity of content of educational programs of various levels.*

ECE notes that by 6 criteria of this standard educational programs of all levels of education have a high position, by 19 criteria – satisfactory position, by 8 criteria assume improvements.

4.3 «Faculty and Efficiency of Teaching» standard

Qualification of teachers, their quantitative structure correspond to the directions of preparation of the trained accredited EP, meet the licensed requirements. The Higher Education Institution provides compliance of teaching staff to qualification requirements, level and specifics of EP according to Standard qualification characteristics of positions of pedagogical workers and the persons equated to them (the order of the Minister of Education and Science of RK No. 338 from 7/13/2009), GOSO RK «The higher education. Basic provisions. Bachelor degree» (State educational standard of the RK 5.04.019-2011). According to the standard indicators established by the Law of the Republic of Kazakhstan «About education».

Qualification requirements to teaching staff are determined in job descriptions, the documentary procedures.

Educational process on EP 5V070400 – «Computer facilities and software» is provided by 32 teachers, from them 1 is Doctor of Engineering, 1 - PhD, 16 -Candidates of Science, 3 have a Master Degrees. Faculty percent with academic degrees and ranks makes 53,3%.

Educational process on EP 5V070200 – «Automation and Control» is provided by 35 teachers, from them: 1- PhD, 19- Candidates of Science, 2 Masters. Faculty percent with academic degrees and ranks makes 59%.

Educational process on EP 5V090100 – «The organization of transportations, movements and operation of transport» is provided by 28 teachers, from them 16 Candidates of Science. Faculty percent with academic degrees and ranks makes 57%. In a state language of occupation conduct 50% of Faculty.

Educational process on EP 5V071300 – «Transport, transport equipment and technologies» participate in implementation of educational process 27 teachers, from them 16 Candidates of Science. Faculty percent with academic degrees and ranks makes 59,2%. In a state language of occupation conduct 50% of Faculty.

Heads of departments «Information technologies and Automatic equipment» and «Transport and Service» have an academic degree of Candidates of Science and sufficient scientific and pedagogical length of service in a higher education institution. Personal information about Faculty is placed on a portal of the university.

As a part of departments there are teachers having production work experience. Also

within EP involvement of leading experts of the entities as heads and reviewers of degree projects (works) and chairmen State Academy of Control practices. Thus, the share of experts teachers constitutes at department «Information technologies and automatic equipment» – 10%, and at department of «Transport and Service» – 25%.

Departments accumulate and analyze information on the activities, carry out an assessment of strength and weaknesses. By results of activities reports (individual reports of Faculty, reports on scientific and methodical seminars of departments, annual statements of departments) are regularly submitted. Ensuring monitoring of activities of Faculty is determined on the basis of its rating, mutually visits of occupations, carrying out open occupations.

The management of EP is available to all interested people. On the official site of higher education institution information on heads of EP (the deans managing departments) with indication of audiences, phones and e-mail addresses is provided in the section «Faculties», the virtual reception functions.

At university systematic work on preparation and retraining of personnel and increase of their qualification is conducted. All processes on advanced training are performed according to the « PRO KInEU 602-12 Advanced Training of teaching staff» procedure.

Preparation and advanced training of the faculty is mainly performed through short-term seminars, short-term rates and training at leading universities and at the entities of Kazakhstan, and also abroad.

During the period of 2012-2015 63,6% of teachers of department «Information technologies and automatic equipment» and 83,3% of teachers of Transport and Service department have passed training in various programs of advanced training.

The choice of the directions of advanced training is determined by need of enhancement of pedagogical skill, implementation of innovative technologies of training in educational process by EP of department, enhancement of content of the taught disciplines according to modern requirements of science.

The management of EP pays considerable attention to advanced training, retraining and training in the foreign educational and scientific organizations. So in 2012-2013 academic year the associate professor of «Transport and service» Baganov N. A. passed advanced training in the Energy saving direction in Fh Joanneum University Of Applied Sciences, Graz, Austria. In 2013 and 2014 the senior lecturer of department «Information technologies and automatic equipment» Madin V.A. passed advanced training in Kaunas University of Technologfy (Latvia) and University Nice Spohia Antipolis (France) in the News about lecture broadcast as the key to successful blended learning and eLearning in Continuing and Professional Development directions respectively. In 2013-2014 academic year the senior teacher of department «Of transport and service» Kalmakov E.B. studied a rate of «A ChPU equipment basis» in The Center of Training and Skill, Paderborn, German.

Monitoring of satisfaction of teaching staff is provided by regular carrying out questioning, testing and personal meeting of an administrative staff with employees. By results of questioning of Faculty respondents note good and very good mark of provision by higher education institution of an opportunity for continuous development of potential of Faculty of 60% and 33,8% respectively.

Teachers of departments share results of scientific searches with the general public at scientific seminars, conferences and in publications (Table 3).

Significant step to the international integration is the publication of articles in magazines with an impact-factor, in particular in 2014 teachers of department published 1 article in the magazine with an impact-factor (Scopus base) - Baganov N. A., Bekhtold T.G. of Device for clamping hydraulic-cylinder rod from spontaneous sinking, Life Science Journal Acta Zhengzhou University Over-seas Edition (Life Sci J) of ISSN: 1097-8135 Volume 11 - Special Issue 5 (Supplement 1105s), 25, 2014. life1105s Cover Page, Introduction, Contents, Call for Papers, Author Index, lsj1105s The following manuscripts are presented as online first for peer-

review, starting from March 15, 2014. All comments are welcome: editor@sciencepub.net or contact with author(s) directly. Pages-79-81.

Table 3 – Indicators on Scientific research work of teaching staff

	A kind of publication	The Department of Information technologies and automatic equipment			The Department of Transport and Service		
		2012-2013	2013-2014	2014-2015	2012-2013	2013-2014	2014-2015
1	Monographs	-	-	-	-	1	-
2	Articles recommended to KKCOH (BAK)	1	-	-	3	1	1
3	Articles published in scientific magazines (foreign editions)	-	1	5	11	10	7
4	Articles published in scientific magazines (Republic editions)	4	4	1	1	1	2
5	Articles, theses in collections of conferences and other scientific actions (foreign editions)	15	14	12	13	13	3
6	Articles, theses in collections of conferences and other scientific actions (republican editions)	9	15	8	9	4	-
Total		29	34	26	37	30	13

The faculty of EP 5B090100 - «Organization of transportations, movements and operation of transport» actively uses innovative methods and forms of education in educational process and pays much attention to questions of implementation of modern training methods and means of informative activation of students. Teachers of the accredited educational programs use business games, the presentations, development of research projects and their protection in educational process. Application of these techniques allows to make educational process dynamic and effective, to develop the skills necessary for work in professional activity.

On the question «As Far as Teachers of Higher Education Institution in Teaching Activities Can Use Own Strategy, Methods and Innovations in Training Process?» the following results have been received:

- strategy: 47,7% – are very good, 52,3% – are good;
- methods: 69,2% – are very good; 30,8% – are good;
- innovations in training process: 64,6% – are very good; 32,3% – are good; 3,1% – are rather bad.

On the level of stimulation and involvement of young specialists to educational process more than 12,3% of respondents note insufficient attention from a management to young teachers.

The faculty observe the principles of ethical behavior and follow the rules of corporate culture of the university. The moral and psychological climate at the departments providing implementation of educational programs differs in stability and goodwill.

For the purpose of improvement of quality and efficiency of teaching the commission recommends:

1. *It is necessary to organize rates advanced training or the training seminars on planning of results of training in educational programs and implementation of the basic principles of Bologna Process.*
2. *To strengthen work on development of the academic mobility, advanced training of teachers, involvement of the best foreign and domestic teachers and carrying out joint surveys in case of implementation of the accredited educational programs.*
3. *To take measures for stimulation of young teachers for participation in programs of the academic mobility, Bolashak, conferences of all levels, tenders, scientific projects, etc., development of mentorship.*
4. *It is necessary to speed up work of teachers of department on publication of articles in*

magazines with a non-zero impact-factor on the base Thomson-R, ScEpus.

ECE notes that EP have a strong position of 4 criteria of the this standard; 15 criteria – a satisfactory; 2 criteria assume improvement.

4.4 Students standard

The general contingent of students on the accredited EP is constituted by the students and undergraduates who are trained according to the state order and on a paid basis of day form of education. Data on the contingent are provided in table 4.

Table 4 – The contingent of students for the period of 2013 - 2015.

Academic year	Form of education	Number of students	Grants	Students on a fee basis	State language of studying
EP 5B070400 – Computer facilities and software					
2013/2014	Intramural	83	-	83	-
	Exrtamural (correspondence course)	5	-	5	-
2014/2015	Intramural	82	-	82	-
	Exrtamural (correspondence course)	10	-	10	-
2015/2016	Intramural	78	-	78	1
	Exrtamural (correspondence course)	-	-	-	-
5B070200 – Automation and control					
2013/2014	Intramural	190	1	189	40
	Exrtamural (correspondence course)	4	-	4	-
2014/2015	Intramural	202	1	201	14
	Exrtamural (correspondence course)	8	-	8	-
2015/2016	Intramural	246	-	246	5
	Exrtamural (correspondence course)	-	-	-	-
5B090100 – Organization of transportations, movements and operation of transport					
2013/2014	Intramural	377	-	377	8
	Exrtamural (correspondence course)	107	-	107	-
2014/2015	Intramural	439	-	439	16
	Exrtamural (correspondence course)	24	-	24	-
2015/2016	Intramural	485	-	485	19
	Exrtamural (correspondence course)	-	-	-	-
5B071300 – Transport, transport equipment and technologies					
2013/2014	Intramural	140	2	138	-
	Exrtamural (correspondence course)	47	-	47	-
2014/2015	Intramural	163	-	163	1
	Exrtamural (correspondence course)	13	-	13	-
2015/2016	Intramural	147	-	147	1
	Exrtamural (correspondence course)	-	-	-	-

The education on the specialty 5B090100 - «The organization of transportations, movements and operation of transport» in this region is performed only in KInEU, by this reason

annually the organizations allocate 1-2 grants for training of bachelors-engineers with the subsequent employment.

Progress of students of EP by results of the last examinations is provided in table 5.

Table 5 – The academic progress trained by EP, %

Criteria	2011-2012	2012-2013	2013-2014	2014-2015
EP 5B070400 – Computer facilities and software				
Absolute performance, %	90	93	100	82
Quality performance, %	37	66	74	36
5B070200 – Automation and control				
Absolute performance, %	93	93	100	86
Quality performance, %	52	66	74	60
5B090100 – Organization of transportations, movements and operation of transport				
Absolute performance, %	95	92	95	95
Quality performance, %	55	60	50	70
5B071300 – Transport, transport equipment and technologies				
Absolute performance, %	87	95	98	98
Quality performance, %	55	60	50	50

Analyzing results of final assessment of a bachelor degree it is possible to note that students pass the state examination on «good» and «excellent» (85-100 points).

For the purpose of prevention of possible problems, with progress of students the warning actions are taken. Information for carrying out the analysis of discrepancy and development of the warning actions are results of an assessment of educational activities.

At the level of faculties the following information concentrates and used:

- data on attendance of classes;
- data on rating estimates in a semester;
- data on intermediate certification in a semester;
- data of final assessment.

On the basis of the above-mentioned entering information discrepancies in teaching and educational process come to light and their reasons are analyzed. At the level of faculties act the teaching and educational commissions (TEC) which meetings are held several times in a semester on the fixed basis.

For liquidation of the academic debt the student, irrespective of form of education, shall study repeatedly this discipline in the terms established by dean's office (a summer semester). The students who have paid repeated training are allowed to repeated studying of discipline.

Students of KInEU of M. Dulatov have the rights and obligations determined by the Law of the Republic of Kazakhstan «About education», regulations of the Ministry of Education and Science of the Republic of Kazakhstan, the Charter of higher education institution, Regulations of a higher education institution.

According to the Law of the RK «About Education», the Concept of the State youth policy of the Republic of Kazakhstan till 2020, Regulations on student's self-government (the protocol No. 6 from 12/26/2011 is approved by the solution of the Academic council of university), Regulations on student council (the protocol No. 6 from 12/26/2011 is approved by the solution of the Academic council of university), in KInEU of M. Dulatov are created and bodies of student's self-government work. Within university – it is Student council, at faculties – student councils of faculties, also student council of the hostel works.

The student council of faculty is elected on general meeting of representatives of educational groups of faculty, on all-university leader collection the student council of university is elected. The structure of council of Engineering and technological faculty includes one representative of students.

For expansion of opportunities of development of social activity of students 2 times in a semester enlarged meetings of student councils of faculties with the invitation of heads of all educational groups are held. Also 2 times in a semester classes at «School of youth leadership»

where students get leadership skills.

Students within EP 5V070400 – «Computer facilities and software», EP 5V070200 – «Automation and Control», EP 5V090100 – «The organization of transportations, movements and operation of transport», EP 5V071300 – «Transport, transport equipment and technologies» have seized the opportunity to receive additional professional certification of knowledge of the following directions:

1. Based on industrial practice laboratory «Modelling and Application of Engineering Procedures» students can master skills of modeling on machines with ChPU robotics, 3D - programming and to study work bases on modern lathes.

2. In KInEU of M. Dulatov since February, 2013 it is open and the International scientific and educational center of the computer APTECH technologies functions. The center is an official partner of the international corporation Aptech World Wide which is recognized as a world leader in the field of computer technologies. The international center of the computer APTECH technologies realizes additional professional education in the field of information technologies. Having finished the course, students get a diploma of the international corporation Aptech. Aptech-KInEU provides the following programs:

- Arena Multimedia. The training program includes 4 semester: Printing design, Technologies of multimedia, Web design, 3D - graphics and animation.

- Aptech English. Studying of English according to the training programs intended for listeners with the different level of preparation and knowledge.

So in 2013-2014 academic year professional certification was completed by 57% of the students final years of EP 5V070400 – «Computer facilities and the software» and 21% of the students EP 5V070200 – «Automation and Control», in 2014-2015 academic year these indicators have constituted 80% and 73% respectively.

Scientific and research work (SRW) of students is a component of training of specialists at university. A main objective of NIR at department is preparation students as to independent NIR which main result is writing and successful protection of the thesis, and to carrying out scientific researches as a part of on-stage performance group. SRW with students is conducted systematically, since the first course, students use results of scientific researches at first on seminar occupations, in case of accomplishment course and theses. On older years students are given the chance to prove individually, participating in work on projects and taking part in work of the student's scientific and practical conferences held as Higher Education Institution, and beyond its limits.

At faculty the students' scientific society (SSS) of Electro, engineering club «Koleso» functions. Scientific work is performed by students together with teachers and production enterprises.

Students annually take part in tenders, the Olympic Games, scientific conferences of various levels.

1. Students Participation in tenders:

in 2013 at Republic tender SRW among students of higher educational institutions in the nomination «Automation and Control» the student of EP 5V070200 – Automation and Control Kartsev Nikita has been awarded by the diploma 2 degrees;

the students EP 5V070400 – “Computer facilities and the software” Raiymbek Bektas has taken the II place in the nomination “Risunok” (Drawing) of the I Republic tender of computer graphics and design «Crystal pixel» which passed in Astana based on the Astana polytechnical college on January 15-16, 2013;

in 2013 the team under the leadership of the student Kartsev N. V. (EP 5V070200 – «Automation and Control») with the «Energy Saving Device of Automatic Control of Lighting Indoors» project has won a small grant in the amount of 150000 tg. at Central Asian tender of young people «A look in EXPO – 2017» that has been covered in regional press («A look in EXPO and the smart house» and «The unique project of unique children» – articles in the Kostanayskiye Novosti newspaper from 6/8/2013 and 6/20/2013 respectively).

□ in the II International contest of research works of pupils and students Magnit Poznaniya (the Knowledge Magnet) which is carried out on 5/20/2014 at Cheboksary, Trifanov Vladislav a 3 year student of EP 5V070400 Computer facilities and software has taken the III place with a subject of research work «Smart light». The nominal medal was handed.

2. Participation students in the Olympiads:

□ in 2013 the student of EP 5V070200 – «Automation and Control» Kartsev Nikita took the 4th place in the Republic subject Olympiad «A radio mechanics, an electronic engineering and a telecommunication», subsequently there was a publication in the Kostanayskiye Novosti (Kostatay news) newspaper (article «Gold Heads of KInEU»);

□ annual participation of the students of EP 5V070400 – «Computer facilities and software» in the International competitions in the sphere of information technologies for students of organizations of the higher and secondary professional education «IT Planet». In 2011. Roan Oleg took the 2nd place, and Sarsenbayev Aydar – the 3rd place in the II Internal round (Ust-Kamenogorsk). At selection stages of competitions to the international Olympiad «IT-Planet 2013/14» Rayymbek Bektas has won the first place across Kazakhstan in the tender «3D-Modelirovaniye» (3D Modeling) and was invited to the final held in September, 2014 based on the Sevastopol National Technical University and V. I. Vernadsky Taurian National University (Simferopol, Russia);

□ annual participation of the students of EP 5V090100 – The organization of transportations, movements and operation of transport and 5B071300 – Transport, transport equipment and technologies in the Republic subject Olympiads in the M. Tynyshpayev Kazakh Academy of Transport and Communications in Almaty. So, in March, 2013 the students Bogdanov Oleg (EP 5V071300 – Transport, transport equipment and technologies) has gained the 2nd degree diploma, and the students Kamayeva Ranagul (EP 5V090100 – The organization of transportations, movements and operation of transport) gained the 3 degree diploma. The 2 degree diploma was gained in March, 2015 by the students Ibrayeva Indira (EP 5V090100 – The organization of transportations, movements and operation of transport), and the students Siyatsky Sergey (EP 5V071300 – Transport, transport equipment and technologies) – the 3 degree diploma.

From 2012 to 2015 13 students on the accredited EP took a part in republic scientific and technical conferences of students, undergraduates and young scientists.

Dynamics of student's publications is provided in table 6.

Table 6 – Number of student's publications

ОП	Учебный год			
	2011/2012	2012/2013	2013/2014	2014/2015
5B070400 - Computer facilities and software	1	-	6	2
5B070200 - Automation and Control	1	-	7	2
5B090100 – The organization of transportations, movements and operation of transport	2	2	2	3
5B071300 –Transport, transport equipment and technologies	2	2	2	3
In total	6	4	17	10

Students also take a part in accomplishment of contractual works. So, the 3rd year student Rayymbek Bektas of EP 5V070400– Computer facilities and software participated in accomplishment of research contractual work on the subject «Creation of a Management on Enhancement and optimization of the Principles of Use of a SVN Repository», according to the agreement No. 352 signed on December 23, 2014 with the individual entrepreneur Vendel N. V.

Financing of the academic mobility is made at the expense of university and at the expense of the personal means of students.

In 2014-2015 academic year according to the program of internal academic mobility 2 students of EP 5V070400 – Computer facilities and software passed the 6th semester of training

in the Pavlodar Innovative Euroasian university, Pavlodar.

In 2013-2014 academic year on EP 5V090100 – The organization of transportations, movements and operation of transport according to the program of internal academic mobility 2 students passed the 6th semester in Kunayev Humanities University of Transport and Right, Institute of means of communication of Almaty. In 2014-2015 academic year according to the program of the 6th semester 2 students were students at Innovative Euroasian university (Pavlodar).

The possibility of the academic mobility is also used by students of EP 5V071300 – Transport, transport equipment and technologies. In 2011-2012 academic year according to the program of internal academic mobility 1 student passed the 7th semester the A. Baytursynov Kostanay State University, 2 students in 2013-2014 academic year passed the 6th semester of training in Kunayev Humanities University of Transport and right, and in 2014-2015 academic year 1 student studied the 6th semester at Innovative Euroasian University, Pavlodar.

At the same time the available agreements on cooperation with foreign higher education institutions and higher education institutions of the Republic of Kazakhstan are not fully used by KInEU for expansion of the academic mobility of students, work on providing students according to programs of postgraduate and additional education is not up to standard delivered.

For the purpose of improvement of quality of the organization of educational process internal monitoring of satisfaction students quality of work of higher education institution is carried out. Within monitoring on a planned basis questioning of the different groups which are students is systematically carried out: thematic polls of students, target polls, assessment by students of pedagogical activities of teaching staff.

One of priority activities of the university is a successful employment of graduates.

The held events for employment include:

- For the purpose of assistance to employment of graduates the youth personnel center Mansap which works through OO Everest is created. The center annually holds seminars for graduates of year on the subject «Writing of the Summary on the Basis of International Standards», «Algorithm of Job Search» and «Successful Self-realization in case of Employment».

- For providing graduates with workplaces of department closely cooperates with Department of Employment and Social Programs of Akimat of Kostanay.

- The conclusion of contracts with the entities of the city and area for passing by students professional the practices with possible subsequent employment.

- Students on the accredited EP participate in a regional job fair - it is one of job search methods. Similar actions have success in employers since allow to get acquainted within several hours with a large number of graduates and to fill up databases of potential staff of the entities.

Monitoring of employment of graduates is performed by the issuing department, general control of process of employment of university graduates is conducted in dean's office. On all graduates the databank about their distribution including the following information is created: the name, the address of the organization in which the graduate, and also an expected position is distributed. For communication with graduates the bank of their e-mail addresses is created. Information on university graduates is annually posted on the website of university. Page of registration of the graduate. In table 7 indicators of employment of graduates of the accredited programs are provided.

The analysis of employment on EP 5V070400 – Computer facilities and software has shown that in 2012-2013 academic year of 50% of graduates have been employed, and other 33% have continued training; in 2013-2014 academic year of 70% of graduates have been employed.

On EP 5V070200 – Automation and Control the analysis has shown that in 2012-2013 academic year of 62% of graduates have been employed, and 5% have continued further training; in 2013-2014 academic year of 100% of graduates have been employed.

Table 7 – Employment of graduates of EP

EP	2013 г. %	2014 г. %	2015 г. %
5B070400 - Computer facilities and software	50	70	92
5B070200 - Automation and Control	62	100	88
5B090100 – The organization of transportations, movements and operation of transport	100	89	89
5B071300 –Transport, transport equipment and technologies	98	97	95

The analysis of employment of graduates of EP 5V090100 – The organization of transportations, movements and operation of transport for 2012-2014 has shown that 88,7% of graduates are employed on average, and 5% have continued the training.

For the purpose of requirements satisfaction students the commission recommends:

1. *To strengthen work on involvement of students to SRW and to develop mechanisms of a program implementation of support of gifted students;*
2. *To provide possibilities of continuation of education on educational programs of a magistracy and additional education;*
3. *It is necessary to provide possibilities of professional certification of students in educational process at the university.*

ECE notes that 1 criterion of this standard of the accredited programs is strong, 9 – satisfactory; 5 criteria – improvement is required.

4.5 «Resources Available to Educational Programs» standard

In case of training of specialists according to the educational programs realized in KInEU of M. Dulatov specially equipped laboratories are used as well as audiences of general purpose. For high-quality carrying out studies, accomplishment of scientific works of laboratory are provided with the necessary equipment. Laboratories are used in the course of carrying out laboratory researches on the corresponding disciplines, for accomplishment of the experimental and research and research works.

The material and social base which is in operational management of KInEU, is located in Kostanay, consists of 10 objects, total area of the territory constitutes 10464 sq.m.

The university has 2 educational and laboratory buildings, with a total area of 1377 sq.m. counting on one student of the given contingent the usable educational space constitutes 6,5 sq.m.

The university has sufficient classroom fund where 79 educational audiences from them enter: 11 audiences to 10 seats, 35 audiences on 10-19 places, 20 audiences on 20-29 places, 9 audiences on 30-50 places, 4 audiences over 50 places.

Laboratory researches are given based on educational and scientific laboratories of university, also on the educational and research and production sites operating in university. Laboratory classes are also given based on branches of departments, on the basis of the agreement on mutual cooperation with third parties. The similar organization of educational process allows to use more fully material and personnel resources, both university, and the entities and the organizations of the region for forming at the students professional skills in conditions, brought closer to real.

The infrastructure of university includes the hostel, sports base, library, a first-aid post and other educational and auxiliary rooms.

Sports base KInEU of M. Dulatov consists of set of various sports constructions of the closed and open type. At university there is 1 indoor gym equipped with the corresponding sports equipment with a total area of 1087,5 sq.m.

Now there is one hostel, with a total area of 1821,5 sq.m on 150 beds functions. Also in the hostel there is a sports ground of open type the total area of 954,5 sq.m.

For implementation of EP 5V070400 – «Computer facilities and software» and

5B070200 – «Automation and Control» 5 laboratories, 2 lecture multimedia audiences are used. Except laboratories, students have classes in computer classrooms. For provision of students high-quality conditions of training in EP 5V090100 – «The organization of transportations, movements and operation of transport» and 5B071300 – «Transport, transport equipment and technologies» 7 laboratories and 3 specialized audiences based on the entities are used. The development of EP 5V090100 – «The organization of transportations, movements and operation of transport» is promoted by the use of the software products allowing model process of work of department of the road – «DNTs and chipboard exercise machine», and also to model processes of work of a marshaling yard – «The exercise machine of a marshaling yard».

Laboratories are equipped with modern computers, server hardware, a licensed software, devices and the specialized equipment in the quantity sufficient for carrying out laboratory works in the amount provided by the curriculum of EP. It should be noted good equipment of research laboratories especially: Organization of Train Service laboratory, Laboratory of «Rail transport», «Organization of Work of a Marshaling Yard» Laboratory. Lecture audiences are equipped with the projective equipment. So, for EP 5V070400 – «Computer facilities and the software» and 5B070200 – «Automation and Control» in 2013-2014 academic year the standard complex of the educational equipment «Corporate Computer Networks» CAN-1 has been purchased. The complex includes: switching equipment of a network, set of educational and methodical benefits, and also education visual aids and presentations at the rate «Automated control systems (ACS) on the basis of microprocessor technologies».

Laboratory rooms correspond to safety regulations and fire safety. The areas of laboratory rooms allow to contain laboratory equipment and have enough seats.

The important direction of development of higher education institution is application of ICT in educational process. At the moment the realization of EP in higher education institution is enabled by means of ACS the Higher Education Institution representing set of the information systems accompanying all cycle of educational process – from forming of the contingent before final assessment students.

The following modules are a part of ACS Higher Education Institution:

1. Entrant. The Entrant module is intended for automation of process of carrying out reception campaigns of university: from planning of reception campaign and documents acceptance of entrants before carrying out orders on transfer of entrants in the contingent students and receipts of the statistical reporting.

2. Book of orders. The module is intended for registration and storage of all orders on Higher Education Institution. On the basis of these orders movement of the contingent of students is made.

3. Office. The module is intended for collection, accumulating and the analysis of information on students, implementation of movement of the contingent of students.

4. Ratings. This module is intended for teachers, with its help they bring rating estimates of students in the terms determined by the schedule.

5. Department of registration. The module is intended for work in system with the academic groups and students of higher education institution.

6. Dean's office. The module allows dean's offices to look through rating and examination points students for control and the subsequent work of curators.

7. System of the automated testing of knowledge. This module allows to carry out an assessment of knowledge of students in the automated mode.

8. The private office of the student intended for operational informing students. By means of this system students can study the reference book the guide, the academic calendar, the schedule of studies, and also with results of the educational achievements.

9. Electronic library.

At university it is created and successfully the information and education website www.kineu.kz functions. On the website where all educational, scientific, student's life is reflected, the entrants who are students and teachers can ask questions, learn about the

forthcoming events, place information on the held conferences, actions. Also on the homepage there is a Poster in a type a show slide displaying the most important information; column of announcements, information on international cooperation. There are pages with information on Higher Education Institution, details, mission, the purposes, objectives of the University.

Any, registered or unregistered person can do innovative suggestions for improvement of activities of Higher Education Institution to a management and governing bodies on means of the complaint book which is according to the reference <http://kineu.kz/?p=5090>.

Content of the high school website (sections, banners, headings) is constantly updated. Almost daily information materials on the website in the heading «News — the Latest News» in three languages are placed. It is controlled, accounting of records, operational training and placement of answers to questions of the blog of the rector. Announcements for the category «Announcements» are constituted and placed. News concerning the higher education in RK are placed on a running line of the website.

Social networks of VKontakte (<http://vk.com.kineukz>), MailRu-Agent seraf_spl@mail.ru are used for informing the public and stakeholders. Feedback in higher education institution functions through system of comments on the websites: <http://kineu.kz>; <http://abi.kineu.kz>; <http://rector.kineu.kz/>; <http://stud.kineu.kz/>.

Within implementation of EP students and teachers use specialized information interactive resources by means of the e-learning system. Since 2006 the distant education is provided in KInEU of M. Dulatov.. Training process is performed with use of network technology based on system of distance training Elsyma. (<http://do.kineu.kz>).

The system of distance training «Elsyma» (the certificate on the state registration of the rights to object of author's right No. 199 of March 05, 2013) carries out functions of an educational portal, the testing complex, training management systems, management systems educational content and is a centralized point of access to educational resources of university.

Now in educational process 12 virtual classes AdobeConnect in specially equipped offices are used. Since the beginning of use of the virtual classes AdobeConnect more than 3000 lecture occupations which are available in a private office of the student of system of distance training of «Elsyma» are written down.

Estimating adequacy of the equipment to the purposes of an educational program, it is possible to note that in general laboratories of the departments conducting training of specialists on this educational program have the necessary equipment for the organization and carrying out laboratory works and goal achievement of the program.

Scientific library KInEU of M. Dulatov is a modern library and information complex which all activities are aimed at providing educational and research process, both own resources, and provision of access to resources of other libraries and the organizations.

The library occupies the 4th floor of the new building of university, its total area constitutes 431,2 sq.m. The library has two structural divisions: department of servicing (the subscription and a reading room on 120 seats) and the Internet the hall on 13 places with 10 computers. All information resources are made available to users daily from 8:30 till 18:00 (except Sunday).

The library stock of higher education institution contains on 1/1/2015 – 383509 copies from which scientific literature – 116356 copies (30%), educational – 256433 copies (66,8%), art – 10720 copies (2,8%).

Availability of fund of educational, educational and methodical and scientific literature in relation to the given contingent of students on a complete cycle of training meets standards of a books having.

Security of EMCD on the accredited EP for 2014-2015 academic year has made 100%. Security with literature in the state and Russian languages of the basic and main subjects on all EP – 100%.

In the Section «Resources» links to the opened and partner library stocks are collected. Through this tab there is an access to other international libraries and resources, for example

«Republican interuniversity electronic library» to both other open and partner libraries (Thomsonreuters, SpringerLink, ScienceDirect® and a DB of Scopuc® of the Elsevier company, the Electronic state library stock, the Kostanay regional universal scientific library of L. N. Tolstoy, Library of the Ural Institute of the Stock Market, the MGAU Educational and methodical portal of V.P. Goryachkin, Scientific library of Al-Farabi National University, Scientific electronic library, the Central scientific library of MAUN RK, Electronic library on business, finance, economy and related topics, Electronic library of economic and business literature, Electronic resources of the Russian state library, Library of railway literature.

Nevertheless, the insufficient of books for the accredited educational programs in a state language, by language laboratories, seats in the electronic hall of library is observed.

In educational process students except educational and scientific literature use official publications – laws, regulatory legal acts, the Orders of the Government, help and bibliographic literature – dictionaries, encyclopedias, reference books, and also periodicals.

At university there is an open entry to educational Internet resources, free Wi-Fi functions.

According to results of questioning of students:

- the available computer classes:
 - are completely satisfied – 73,3%;
 - are partially satisfied – 24,4%;
 - are not satisfied – 2,2%.
- the available scientific laboratories:
 - are completely satisfied – 64,4%;
 - are partially satisfied – 22,2%;
 - partially are not satisfied – 4,4%;
 - have found it difficult to answer – 8,9%.

Poll of an assessment of availability of computer classes and the Internet of resources, has shown that 77,8% are satisfied, 17,8% are partially satisfied, 4,4% are not satisfied.

On a question of equipment educational offices, audiences for big groups, respondents have answered that they are completely satisfied – 77,8%, are partially satisfied – 17,8%, not satisfied – 2,2%.

For the purpose of enhancement of resources available to EP the commission recommends:

1. It is necessary to develop programs of educational and scientific laboratories and to create conditions for development of research teams with involvement of various entities financed the contractual works by that.

2. To develop mechanisms of the organization of seminars for topical issues of disciplines of educational programs with involvement of specialists of corporate partners.

3. To continue practice of updating of educational process by modern software products and book fund of library of university in a state language according to modern requirements.

ECE notes that by 8 criteria of this standard the accredited programs have strong positions, on 20 – satisfactory; by 4 criteria – improvement is required.

4.6 Standards by separate specialties. Natural and technical science.

Development of educational programs of EP 5V070400 – «Computer facilities and software», EP 5V070200 – «Automation and Control», EP 5V090100 – «The organization of transportations, movements and operation of transport», 5B071300 – «Transport, transport equipment and technologies» is directed to receipt of necessary theoretical and practical preparation by graduates.

The current state of preparation within EP is supported by active use of ICT, annual updating of subject course and theses, and also entering of new elective disciplines taking into

account employers recommendations.

Within practical, laboratory works, term papers and solitary work there are settlement and graphical, standard calculations, mathematical modeling, information, engineering procedures of the specific entities are considered.

For the purpose of acquaintance students with the professional environment and topical issues in the field of specialization, and also for acquisition of skills on the basis of theoretical preparation the education program includes disciplines of department together with the entities will organize carrying out separate occupations at the entities which specialization corresponds to the EP direction, and also within the accredited EP the teachers having production length of service perform educational activities.

Annually for the students EP 5V070400 – «Computer facilities and software», EP 5V070200 – «Automation and Control», EP 5V090100 – «The organization of transportations, movements and EPeration of transport», 5B071300 – «Transport, transport equipment and technologies» departments conduct tours to the entities of Kostanay: Ivolga-Rastr LLP, JSC Kostanaytranstelekom, Softintegration LLP. Students on EP 5V090100 – «The organization of transportations, movements and operation of transport» visit typical large enterprises of specialization: JSC KTZh (The Kostanay department of the road), Transit of RK Center LLP, Temirzholstroyproyekt LLP. For students of EP 5V071300 – «Transport, transport equipment and technologies» are conducted tours to large enterprises of Kostanay branch JSC Agromashholding and JSC Agrotechmash. These events are held for the purpose of acquaintance with production equipment and engineering procedures of production, functional obligations of personnel.

ECE notes that by 1 criterion of this standard the higher education institution has a strong position, by 2 criteria - satisfactory.

RECOMMENDATIONS FOR HIGHER EDUCATION INSTITUTION

ECE on specialized accreditation of educational programs 5B070400 - «Computer facilities and software», 5B070200 - «Automation and Control», 5B090100 - «The organization of transportations, movements and operation of transport», 5B071300 - «Transport, transport equipment and technologies» recommends:

For the purpose of enhancement of management processes of educational programs the commission recommends:

1. *To carry out the analysis of compliance of the development plan for educational programs of the operating Strategy of university development and on the basis of the obtained data to enhance development plans for the accredited educational programs, to speed up work on the analysis of success of implementation of educational programs with the subsequent corrective actions;*

2. *To carry out a risks assessment of development of an educational program in a full compliance with Strategy of development of university and to develop the mechanism of their decrease;*

3. *To strengthen further development of cooperation with the domestic and foreign higher education institutions realizing similar educational programs.*

For the purpose of enhancement of specifics of educational programs the commission recommends:

4. *To provide implementation of process of diagnostics of the students knowledge at the beginning of training in EP or a separate subject matter;*

5. *To consider the possibilities of the organization of dual education within the older courses and implementation of joint EP with other higher educational institutions.*

6. *To provide a continuity of content of educational programs of various levels.*

For the purpose of improvement of quality and efficiency of teaching the commission recommends:

5. *It is necessary to organize rates advanced training or the training seminars on planning of training results in educational programs and implementation of the basic principles of Bologna Process.*

6. *To strengthen work on development of the academic mobility, advanced training of teaching staff, involvement of the best foreign and local teachers and carrying out joint surveys in case of implementation of the accredited educational programs;*

7. *To take measures for stimulation of young teachers for participation in programs of the academic mobility, Bolashak, conferences of all levels, tenders, scientific projects, etc., development of mentorship;*

8. *It is necessary to speed up work of teachers of department on publication of articles in magazines with a non-zero impact-factor on the base Thomson-R, Scopus.*

For the purpose of requirements satisfaction students the commission recommends:

9. *To strengthen work on involvement of students to SRW and to develop mechanisms of a program implementation of support of gifted students;*

10. *To provide possibilities of continuation of education on educational programs of a magistracy and additional education;*

11. *It is necessary to provide possibilities of professional certification students in training process at university.*

For the purpose of enhancement of resources available to EP the commission recommends:

12. It is necessary to develop programs of educational and scientific laboratories and to create conditions for development of research teams with involvement of various entities financed the contractual works by that;

13. To develop system of the organization of seminars for topical issues of disciplines of educational programs with involvement of corporate partners;

14. To continue practice of updating of educational process by modern software products and book fund of library of university in a state language according to modern requirements.

INDEPENDENT AGENCY

RECOMMENDATION TO ACCREDITATION COUNCIL

Members of an external commission of experts have come to unanimous opinion that educational programs 5B070400 - Computer facilities and software, 5B070200 - Automation and Control, 5B071300 - Transport, transport equipment and technologies the M. Dulatov Kostanay Engineering and Economic University can be accredited for a period of 3 years, 5B090100 - The organization of transportations, movements and operation of transport - for a period of 5 years.

№	Criteria for the assessment	Position of educational institution			
		Strong	Satisfactory	Improvement is supposed	Unsatisfactory
Standard 1. EP MANAGEMENT					
1	The University demonstrates the development plan of EP on the basis of the analysis of EP functioning, the real position of the University and their focus on meeting the needs of the state, stakeholders and students.		+		
2	The university must demonstrate the individuality and uniqueness of the development plan of EP, their consistency with national development priorities and development strategy of the University.		+		
3	The University must ensure the adequacy of the development plan of EP and available resources (including financial, information, personnel, material and technical basis), market needs and the educational policy of the Republic of Kazakhstan.		+		
4	The University should involve representatives of stakeholder groups, including students, faculty and employers in the formation of the development plan of EP.		+		
5	The University demonstrates the transparency of formation processes of the development plan of EP. The institution provides awareness among stakeholders about the content of the development plan of EP and the process of its formation.		+		
6	The institution must determine the mechanisms of formation and regular revision of the development plan of EP and the monitoring of its implementation.		+		
7	The university carries out the processes of strategic, tactical and operational planning of EP and allocation of resources in accordance with the development plan of the EP		+		

8	The University systematically collects, accumulates and analyses information on the implementation of EP, and carries out self-assessment in all areas, through the development and implementation of measure processes and analysis of success measurement of strategy implementation through the development of EP indicators such as "effectiveness" and "efficiency", develops and revises development plan of EP		+		
9	Development plans of EP are openly discussed with representatives of all stakeholders, on the basis of proposals and amendments of which, the authorized collegial body of the University makes changes in the project		+		
10	An important factor is ensuring the representativeness of representatives of stakeholder groups		+		
11	The university must demonstrate compliance of the priorities of scientific research implemented by teaching staff of EP to the national policy in the sphere of education, science and innovation development		+		
12	The University demonstrates the implementation level of principles of sustainability, effectiveness, efficiency, prioritization, transparency, accountability, delegation of authority, separation and independence of the system of financing EP		+		
	EP management should include:				
13	management through processes;		+		
14	mechanisms of planning, development and continuous improvement;		+		
15	risk assessment and identification of ways to reduce these risks;			+	
16	monitoring, including the establishment of reporting processes, allowing to determine the dynamics in the activity and implementation of plans;		+		
17	analysis of the identified discrepancies and implementation of corrective and preventive actions;			+	
18	analysis of the efficiency of changes;			+	
19	evaluation of results and efficiency of activity of divisions and their interaction;		+		
20	All major business processes, regulating the implementation of EP should be documented.		+		
21	The University must determine its own requirements for various forms (full-time, evening, correspondence), levels (BA – MA – / PhD) and technology (including remote).		+		
22	The institution should clearly identify who is responsible for business processes, clear allocation of duties of staff, separation of functions of the collegial bodies involved in the implementation of EP.		+		
23	The institution must demonstrate the procedure for the approval, periodic review and monitoring of the EP and documents regulating		+		

	the process.				
24	The institution must ensure the availability and effective functioning of information and feedback oriented on students, employees and interested people.		+		
25	The institution must demonstrate a mechanism of communication with students, employees and other stakeholders in the activities of University, including the existence of deadlines for complaints, appeals, requests.		+		
26	The University must establish the frequency, form and methods of evaluation of EP.		+		
27	An important factor is the cooperation with other universities that implement the same EP and exchange of experience.			+	
28	Manual of EP should take decisions justified on the basis of facts.		+		
29	EP managers must demonstrate successful operation of the quality assurance system of EP, including its design, management and monitoring, improvement, making decisions based on facts.		+		
30	An important factor is the availability of information systems and databases, the use of the Internet to inform, the presence of portal and/ or website that contains information describing the planning processes and the results of the evaluation of its effectiveness for students, staff and the public.		+		
31	Administration of EP should provide evidence of transparency of the control system of the EP.		+		
32	An important factor is the participation of all interested representatives (employers, faculty, students) in the composition of EP governing boards.	+			
33	The institution must demonstrate the availability and evidence of intensive use of collection and analysis of statistics on the contingent of students and graduates, available resources, staff, research and international activities, and other areas.in the processes of EP managing system		+		
34	An important factor is the management of EP on the basis of the results of studies of changes in the internal and external environment.		+		
35	Administration of the EP should provide a measurement of the satisfaction degree of faculty needs, staff and students and to demonstrate the evidence of deficiencies detected in the framework of the measurement process.		+		
36	EP managers must demonstrate evidence of openness and accessibility for students, faculty, parents (the official reception hours on personal questions, e-mail communication, etc.).	+			

37	The institution must demonstrate the availability of a communication channel by which any interested person may make innovative suggestions to improve the activities of EP the management of the university and the governing bodies. The institution must demonstrate examples of analysis of these proposals and implement such proposals in the university life.		+		
	Total	2	31	4	0
	Standard 2. The specifics of EP				
	Criteria for the assessment				
38	The institution must demonstrate the availability of the developed models of EP graduates, including knowledge, abilities, skills, competencies, personal qualities.		+		
39	The University must provide the evidence of participation of faculty and employers in the development and management of EP, to ensure their quality.		+		
40	The University must prove that the employers involved in the design and implementation of EP are typical representatives of employers (representativeness) and to express the interests and views common to most employers.	+			
41	The institution must determine the content, scope, logic of construction of individual educational trajectories of students, the influence of the disciplines and professional practice on the formation of professional competence of graduates.		+		
42	EP managers must demonstrate the continuity of the content of EP at different levels (bachelor – master - doctorate - additional education), including the logic of the relationship of academic disciplines, consistency and continuity.			+	
43	EP managers must demonstrate the impact of disciplines on formation of students professional competence, skills and blocks of knowledge.		+		
44	EP managers must demonstrate a clear definition of a logical sequence of courses and disciplines reflected in the working curriculum of basic requirements for learning outcomes.		+		
45	EP managers must demonstrate the presence in the content of training courses the professional context.		+		
46	EP managers must demonstrate the existence of an effective balance between theoretical and practice-oriented disciplines.		+		
47	Administration of EP should demonstrate the logic and reasons behind the drafting of curricula and training programmes, in particular the reasons for choosing one or another discipline in the curriculum list, the reasons for assigning the status of post - or prerequisites, matching names and content of the disciplines relevant to the areas of development the study of science/society, etc.		+		

48	Administration of EP should ensure the content of training courses the level of study (bachelor, master, doctorate) and the proposed learning outcomes.			+	
49	The list and content of the disciplines should be available to students. Discipline should contain results of the most relevant research projects and other information of a taught discipline. Discipline should deal exhaustively with all the issues on the agenda of world science in the field of teaching.			+	
50	An important factor is the harmonization of the contents of EP with EP of leading foreign and Kazakhstani universities.			+	
51	In the structure of EP should provide various activities that will contribute to the development of professional competences of students based on their personal characteristics.			+	
52	An important factor is the upgradable EP with the interests of employers in the development of EP of disciplines aimed at development of professional skills.	+			
53	Management of EP must provide an annual revision of the content of curricula and training programs, taking into account changes in the market and the wishes of students and teachers involved in decisions of employers, students, teachers and interested persons.	+			
Evaluation criteria: Individualisation of EP					
54	Administration should provide equal opportunities to students, including regardless of language of instruction on the formation of individual EP, directed on formation of professional competence.			+	
55	Administration should ensure the existence and effective functioning of the system of individual assistance and counselling students on the educational process.	+			
56	Administration creates conditions for the effective promotion of student on an individual educational trajectory, including the consultation of advisors.			+	
57	Administration should demonstrate the use of benefits, individual characteristics, needs and cultural experiences of students in the implementation of EP.				+
58	Administration should demonstrate individual academic support to students in implementation of EP			+	
59	Administration should prove the existence of a system of monitoring student's progress on educational trajectories and achievements of students.			+	
Assessment criteria: Assessment of academic progress					
60	Administration of EP should ensure the existence and effective functioning of objective, accurate and comprehensive assessment of knowledge, skills, and qualities acquired by students in the process of training on discipline, as well as collegiate appeal mechanism and appeals professional evaluation.			+	

61	Administration should provide a fair evaluation of knowledge and the degree of formation of professional competence of students, the transparency and adequacy of tools and mechanisms for their evaluation.		+		
62	Administration should ensure that procedures for assessing the level of students' knowledge of the planned learning outcomes and objectives of the programme.		+		
63	Administration of EP should diagnose the students' knowledge at the beginning of the learning course and study of academic disciplines.		+		
64	Processes and criteria of evaluation of knowledge should be transparent.	+			
Evaluation criteria: Methods of teaching					
65	Administration should ensure systematic development, implementation and effectiveness of active learning methods and innovative teaching methods.		+		
66	With the implementation of EP shall be monitored independent work of the student and established mechanisms for an adequate assessment of its results.		+		
67	An important factor is the presence of a joint EP with foreign universities and attracting Kazakh research institutions to the educational process.			+	
68	Administration of EP must provide students with practice in the specialty and to monitor the satisfaction of students and managers of places for practices and employers.		+		
69	Administration of EP should ensure the implementation of research results into the educational process.			+	
70	Administration of EP should prove the research and the availability of own developments in the field of methodology of teaching of subjects of the EP.			+	
	Total	6	19	8	0
Standard 3. ACADEMIC STAFF AND TEACHING EFFECTIVENESS					
71	To implement EP the administration of the university should involve the practitioners and determine the proportion of subjects taught by them. EP administration must demonstrate the logic of their involvement in the lessons.		+		
72	EP managers must motivate faculty, continuously apply innovation and it in EP.		+		
73	The administration should ensure compliance with faculty qualification requirements, the level and the specifics of EP.		+		
74	EP managers must demonstrate compliance personnel potential of TS strategy and the specifics of EP.		+		

75	EP managers must demonstrate recruitment on the basis of the needs analysis EP a system of recruiting.		+		
76	The institution must demonstrate the availability of information about TS to the public, including TS directories, posting questionnaires on the website of the University.	+			
77	EP managers must demonstrate compliance with the principle of availability of heads and transparent personnel procedures.		+		
78	Administration of EP should monitor the activities of the faculty, conduct a systematic assessment of the competence of teachers and a comprehensive assessment of teaching quality.		+		
79	The workload of a teacher should include educational, methodical, scientific work (including preparation of projects and applications), organizational and methodological (including participation and organization of various activities), improvement of professional competence (professional development, including personal development and the study of literature), activity in professional environment (for example, participation in professional associations and consulting).	+			
80	EP managers must demonstrate evidence of implementation by teachers of all kinds of scheduled load.	+			
81	Administration of EP should ensure the completeness and adequacy of individual planning work of the faculty in all activities that monitor the impact and effectiveness of individual plans.		+		
82	EP managers must demonstrate compliance with training, professional and personal development goals of EP to TS .		+		
83	The administration should provide targeted actions for the development of young teachers.		+		
84	EP managers must demonstrate mechanisms to encourage professional and personal development of faculty and staff.		+		
85	Administration of EP must be able to monitor satisfaction of faculty members.		+		
86	EP managers must demonstrate the involvement of teachers in practical activities in the field of specialization on a regular basis.		+		
87	Administration of EP should confirm the involvement of professionals with experience in the relevant industry sector, to the implementation of EP.			+	
88	Administration must demonstrate faculty competence, the use of innovative methods and forms of education.		+		
89	An important factor is the development of academic mobility, attracting the best foreign and Kazakhstani lecturers, joint research in the implementation of EP.				+
90	An important factor is the involvement of famous scientists, public and political figures, and the honoured figures.				+

91	An important factor is the involvement of teachers in society (the role of TS in education, in science, in the region, creating cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).		+		
	Total	4	15	2	0
	Standard 4. STUDENTS				
92	EP administration must demonstrate the policy of forming the contingent of the EP and the transparency of its procedures.		+		
93	Administration of EP should ensure the representation of students in the collegial governing bodies EP.		+		
94	The EP administration should demonstrate awareness of the key roles (professional, social) of students based on learning outcomes.		+		
95	An important factor is the possibility of professional certification of students in the area of specialisation in the learning process.			+	
96	An important factor is attracting students to research work.			+	
97	An important factor is the possibility of external and internal mobility for students.			+	
98	An important factor is the availability of support programs for gifted students.		+		
99	Administration of EP should make maximum efforts to ensure employment of graduates and the maintenance of communication with alumni and create a community of graduates in individual programs EP.		+		
100	An important factor is the monitoring of employment and professional activity of graduates.		+		
101	The EP should actively guide to encourage students to educate themselves outside of the main program (extracurricular activities).		+		
102	The EP administration should provide an opportunity to students for exchange and expression – for example, through the Internet forum of student organizations	+			
103	The EP administration should provide a mechanism for the monitoring of trainees ' satisfaction the activities of the University as a whole and services in particular		+		
104	EP managers must demonstrate the functioning of the system feedback, which includes online reporting of results estimation of students' knowledge.		+		
105	An important factor is the possibility of continuing education in EP of postgraduate and further education.			+	
106	An important factor is the academic mobility of students and teaching staff (the opportunity to study for a certain period of time in other local and foreign universities, academic exchanges of teaching staff) and a mechanism for the recognition of the results of academic mobility of students.			+	
	Total	1	9	5	0
	Standard 5. RESOURCES AVAILABLE FOR EP				

107	The administration should provide access for students to the maximum possible number of structured, organized information on readable disciplines - presentation materials, lecture notes, compulsory and additional literature, practical tasks, etc.	+			
108	Training equipment and software tools used to develop EP must be same as used in the relevant industries and meet the requirements of safety in the operation.	+			
109	The institution must demonstrate the effectiveness of regular analysis of the adequacy and modernity, the available EP resources – classrooms, laboratories, computer hardware and software, financial resources, access to international databases of scientific research results, the system of professional and employment practices, textbooks and materials, etc.		+		
110	The University creates a learning environment that promotes the development of professional competence and taking into account the individual needs and abilities of students.			+	
111	The University must create conditions for the development of research teams, research laboratories, scientific schools and workshops, attracting students to scientific-research activity; ensuring the participation of teachers and students in scientific conferences and competitions; recruiting leading scholars and practitioners.		+		
112	The University must create conditions for the development of scientific potential of young scientists and students.			+	
113	The institution must demonstrate compliance infrastructure used in EP, its specificity. Audiences, offices, laboratories, communication and computer equipment, and other facilities must meet high requirements.		+		
114	The University should assess the dynamics of development of material and technical resources and information support of EP, the effectiveness of using assessment results to adjust planning and budget allocation.		+		
	The University should provide a learning environment for each EP, which includes:				
115	technological support for students and teachers in accordance with the programs (e.g., online learning, simulations in class) and intelligent queries (databases, data analysis);	+			
116	academic accessibility, that means students have access to personalized interactive resources (available also outside the classroom), as well as training materials and jobs, also provides the possibility of trial self-assessment of students ' knowledge through a remote access portal (site) of the University;	+			
117	academic counselling – the presence of personalized interactive resources that help students to plan and execute EP;		+		
118	professional orientation - students can access personalized online resources that provide assistance in the selection and achievement of career paths;			+	

119	the required number of classrooms equipped with modern technical means of teaching: educational and scientific laboratories, modern educational and training grounds, industrial parks, equipped with modern equipment relevant to on-going EP, sanitary-epidemiological norms and requirements;		+		
120	the required number of computer classes, reading rooms, multimedia language laboratory and scientific-methodical offices, the number of seats in them;			+	
121	the book Fund, including the Fund of educational, methodical and scientific literature in General education, basic courses and majors in print and electronic media, periodicals in the context of language learning;		+		
122	scientific databases, electronic journals, and their availability;		+		
123	the availability of electronic versions of published journals;	+			
124	examination of the results of research, final papers and theses for plagiarism;		+		
125	free access to educational Internet resources, a free Wi-Fi in all areas of the University.	+			
126	Administration of EP should ensure the availability and accessibility of academic support for students, including providing students the reference and learning materials necessary for the development of EP (a reference book, academic calendar, leadership, etc.).		+		
127	Training materials, software, textbooks and additional resources and equipment should be available for all students.		+		
128	An important factor is the support of EP with information and communication technologies.		+		
129	The institution must demonstrate the availability of programs for the development of laboratories that implement EP.		+		
130	The administration should define the degree of implementation of information technologies in the educational process of the EP to monitor the use of TS and development of innovative learning technologies, including through the use of ICT;		+		
	The EP manual should demonstrate reflection on the web information resource that characterize the EP, the efficiency of its use to improve EP having the following characteristics:				
131	the availability of personal pages of the faculty portal of the University;	+			
132	the availability of adequate and objective information about TS on the portal (the website);	+			
133	transparency of information complaints, including placement of virtual complaints book for consumers on the portal (the website);		+		
134	placement on the portal (the website) full of objective information about the activities and the specifics of EP;		+		

135	placement on the portal (website) external publications (citations, links) about the implementation of EP;		+		
136	the use of information networks to sensitize the public and stakeholders.		+		
137	An important factor is the copyrights when posting teaching software in open access;		+		
138	An important factor is the creation of conditions for development and use of information and communication technologies by teaching staff and learners in the educational process and activities of the University.		+		
	Total	8	20	4	0
	Standard 6. Standard from of certain specialties				
	Естественные и технические науки				
	EP in areas of "Natural science", "Technical Sciences and technologies", such as "Mathematics", "Physics", "Information system", etc., must meet the following requirements:				
139	to familiarize students with a professional environment and relevant issues in the field of specialization, as well as for the acquisition of skills based on theoretical training program of education should include disciplines and activities, aimed at obtaining practical experience and skills in General and majors in particular, including: - visits to enterprises in the area of specialization (plants, workshops, research institutes, laboratories, etc.) - conducting individual classes or entire courses on the enterprise specialization, - conducting workshops to solve practical problems relevant to enterprises in the field of specialization, etc.		+		
140	Academic faculty involved in the program of education should include at least one full-time teacher with a long experience full-time employee in enterprises in the area of specialization education programme.		+		
141	The content of all disciplines EP should to some extent be based and include elements of fundamental topics of Natural Sciences, Mathematics, Chemistry, Physics.		+		
	Total	1	2	0	0
	Total in general	22	96	23	0