



## **On approval of the Rules for organizing the educational process on credit technology of education**

Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152. Registered with the Ministry of Justice of the Republic of Kazakhstan on May 27, 2011 No. 6976.

**Footnote. The heading has been changed in the Kazakh language, the text in Russian does not change in accordance with the order of the Minister of Education and Science of the Republic of Kazakhstan dated January 28, 2016 No. 90 (shall be enforced ten calendar days after the day of its first official publication).**

In accordance with subparagraph 25) of Article 5 of the Law of the Republic of Kazakhstan "On Education", I ORDER:

1. Approve the attached Rules for the organization of the educational process on the credit technology of education.

**Footnote. Paragraph 1 was amended in the Kazakh language, the text in Russian does not change in accordance with the order of the Minister of Education and Science of the Republic of Kazakhstan dated 01/28/2016 No. 90 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

2. Recognize as invalid:

1) order acting Minister of Education and Science of the Republic of Kazakhstan dated November 22, 2007 No. 566 "On approval of the Rules for organizing the educational process on credit technology of education" (registered in the Register of State Registration of Normative Legal Acts No. 5043, published in the "Yuridicheskaya Gazeta" dated January 25, 2008 No. 12 (1412));

2) Order of the Minister of Education and Science of the Republic of Kazakhstan dated July 30, 2010 No. 404 "On amendments and additions to the order of the Acting Minister of Education and Science of the Republic of Kazakhstan dated November 22, 2007 No. 566" On approval of the Rules for organizing the educational process on credit learning technologies" (registered in the Register of State Registration of Normative Legal Acts No. 6406, published in the newspaper "Kazakhstanskaya Pravda" dated December 15, 2010 No. 339-340 (26400-26401)).

3. Department of Higher and Postgraduate Education (Omirbaev S.M.):

1) ensure in the prescribed manner the state registration of this order with the Ministry of Justice of the Republic of Kazakhstan;

- 2) after passing the state registration, publish this order in the media.
4. I reserve control over the execution of this order.
5. This order shall enter into force ten calendar days after the day of its first official publication.

Minister

B. Zhumagulov

Approved  
by order of the Minister  
education and science  
Republic of Kazakhstan  
dated April 20, 2011 No. 152

### **Rules for organizing the educational process on credit technology of education**

**Footnote. Rules as amended by the order of the Minister of Education and Science of the Republic of Kazakhstan dated 12.10.2018 No. 563 (shall be enforced ten calendar days after the day of its first official publication).**

#### **Chapter 1. General Provisions**

1. These Rules for organizing the educational process on credit technology of education (hereinafter - the Rules) are developed in accordance with subparagraph 25) of Article 5 of the Law of the Republic of Kazakhstan "On Education" (hereinafter - the Law) and determine the procedure for organizing the educational process on credit technology of education (hereinafter - KTO) in organizations of higher and (or) postgraduate education (hereinafter - OVPO) and in organizations of technical and vocational, post-secondary education (hereinafter - CPE).

**Footnote. Paragraph 1 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

2. The following basic concepts and definitions are used in the Rules:

- 1) academic freedom - a set of powers of the subjects of the educational process, provided to them for independent determination of the content of education in the disciplines of the component of choice, additional types of education and organization of educational activities in order to create conditions for the creative development of students, teachers and the use of innovative technologies and teaching methods;
- 2) academic period (Term) (term) - a period of theoretical training, established independently by the educational organization in one of three forms: semester, trimester, quarter;
- 3) academic credit - a unified unit for measuring the volume of scientific and (or) educational work (load) of a student and (or) teacher;

- 4) academic calendar (Academic calendar) - a calendar of training and control events, professional practices during the academic year, indicating the days of rest (holidays and holidays);
- 5) academic hour - a unit of measurement of the volume of training sessions or other types of educational work, 1 academic hour is equal to 50 minutes (in military special educational institutions (hereinafter referred to as VSUZ) 1 academic hour is equal to at least 40 minutes), is used when compiling the academic calendar (schedule the educational process), the schedule of training sessions, when planning and accounting for the completed educational material, as well as when planning the teaching load and taking into account the work of the teacher;
- 6) academic mobility - the movement of students or teachers to study or conduct research for a certain academic period (semester or academic year) to another OVPO (within the country or abroad) with the obligatory transfer of mastered curricula, disciplines in the form of academic credits in their OVPO or to continue studies in another OVPO
- 7) active handouts (AWP) (Hand-outs) (hand-outs) - visual illustrative materials distributed in the classroom to motivate the student to creatively successfully master the topic (lecture abstracts, links, slides, examples, glossary, tasks for independent work);
- 8) educational achievements of students - knowledge, skills, abilities and competencies of students acquired by them in the learning process and reflecting the achieved level of personal development;
- 9) final attestation of students (Qualification Examination) - a procedure carried out to determine the degree of mastering the volume of academic disciplines and (or) modules and other types of educational activities provided for by the educational program in accordance with the state compulsory standard of the corresponding level of education;
- 10) academic rating of the student (Rating) (rating) - a quantitative indicator of the level of mastery of the curriculum by the student of the disciplines and (or) modules and other types of educational activities, compiled based on the results of the intermediate certification;
- 11) independent work of the student (hereinafter - SRO) - work on a specific list of topics allotted for independent study, provided with educational and methodological literature and recommendations; depending on the category of students, it is subdivided into independent work of a student (hereinafter referred to as SWS), independent work of a master student (hereinafter referred to as SRM) and independent work of a doctoral student (hereinafter referred to as SRS); the entire

volume of SRO is confirmed by tasks that require the student to work daily independently;

12) double-diploma education - the possibility of studying in two educational programs and curricula in order to obtain two equivalent diplomas or one basic and a second additional one;

13) European system of transfer (transfer) and accumulation of credits (ECTS) - a method of transferring credits received by a student abroad into credits that are counted towards their degree upon returning to their educational institution, as well as the accumulation of credits within the framework of educational programs;

14) individual curriculum - a curriculum formed for each academic year by students independently with the help of an advisor on the basis of an educational program (for TVET organizations on the basis of a standard and working curriculum) and a catalog of elective disciplines and (or) modules;

15) credit mobility - the movement of students for a limited period of study or internship abroad - as part of continuing education in their native OVPO - in order to accumulate academic credits (after the mobility phase, students return to their educational organization to complete their studies);

16) additional educational program (Minor) (minor) - a set of disciplines and (or) modules and other types of educational work, determined by students for study in order to form additional competencies.

17) module - an autonomous structural element of the educational program, completed in terms of learning outcomes, having clearly formulated knowledge, skills, competencies acquired by students and adequate assessment criteria;

18) modular education - a way of organizing the educational process based on the modular construction of the educational program, curriculum and academic disciplines;

19) main educational program (Major) (major) - an educational program determined by students for study in order to form key competencies;

20) point-rating letter system for assessing educational achievements - a system for assessing the level of educational achievements in points corresponding to the letter system accepted in international practice with a digital equivalent, and allowing you to set the rating of students;

21) enrollment in an academic discipline (Enrollment) (enrollment) - the procedure for registering students for academic disciplines;

22) credit technology of education - training based on the choice and independent planning by the student of the sequence of studying disciplines and (or) modules with the accumulation of academic credits;

23) independent work of a student under the guidance of a teacher (hereinafter referred to as SIOP) - the work of a student under the guidance of a teacher, carried out according to a separate schedule, which is determined by the OVPO or the teacher himself; depending on the category of students, it is divided into: independent work of a student under the guidance of a teacher (hereinafter referred to as SIWT), independent work of a master student under the guidance of a teacher (hereinafter referred to as SIMP) and independent work of a doctoral student under the guidance of a teacher (hereinafter referred to as SIWP);

24) postrequisites (postrequisite) - disciplines and (or) modules and other types of educational work, the study of which requires knowledge, skills, abilities and competencies acquired upon completion of the study of this discipline and (or) modules;

25) prerequisites (prerequisite) - disciplines and (or) modules and other types of educational work containing knowledge, skills, abilities and competencies necessary for mastering the studied discipline and (or) modules;

26) transcript (Transcript) (transcript) - a document containing a list of mastered disciplines and (or) modules, and other types of educational work for the corresponding period of study, indicating credits and grades;

27) tutor - a teacher acting as an academic consultant to a student in mastering a particular discipline and (or) module;

28) grade point average (GPA) - a weighted average of the level of educational achievements of a student for a certain period in the selected program (the ratio of the sum of credits multiplied by the digital equivalent of the final grade scores for all types of academic work to the total number of credits for these types of work for given period of study);

29) adviser (Advisor) - a teacher who performs the functions of an academic mentor of a student in a relevant educational program, assisting in choosing a learning path (forming an individual curriculum) and mastering an educational program during the period of study;

30) elective disciplines - academic disciplines included in the university component and the elective component within the established academic credits and introduced by educational organizations, reflecting the individual training of the student, taking into account the specifics of socio-economic development and the needs of a particular region, established scientific schools.

**Footnote. Clause 2 as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

3. The main objectives of the organization of the educational process for CTO are:

- 1) unification of the scope of knowledge;
- 2) creation of conditions for maximum individualization of education;
- 3) strengthening the role and effectiveness of independent work of students;
- 4) identification of educational achievements of students on the basis of an effective and transparent procedure for their control.

4. WHO includes:

- 1) introduction of a system of academic credits for assessing the labor costs of students and teachers in each discipline and other types of educational work;
- 2) freedom of choice by students of disciplines and (or) modules included in the QED, ensuring their direct participation in the formation of the IEP, with the exception of higher education institutions;
- 3) freedom of choice by students of a teacher when registering for disciplines for AEPE, with the exception of higher education institutions;
- 4) involvement in the educational process of advisors who assist students in choosing an educational trajectory;
- 5) use of interactive teaching methods;
- 6) activation of independent work of students in mastering the educational program;
- 7) academic freedom of the faculty (institute) and departments in the organization of the educational process, the formation of educational programs for OVPE;
- 8) academic freedom of the teacher in the organization of the educational process;
- 9) providing the educational process with the necessary educational and methodological materials;
- 10) effective methods of monitoring the educational achievements of students;
- 11) the use of a point-rating system for assessing the educational achievements of students in each academic discipline and other types of educational work.

**Footnote. Paragraph 4 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

5. CTO is carried out on the basis of the choice and independent planning by the student of an individual educational trajectory of learning, aimed at achieving learning outcomes.

**Section 1. The procedure for organizing the educational process on CTO**

**Chapter 2**

**Footnote. The heading of chapter 2 is as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated September 23,**

2022 No. 79 (shall be enforced ten calendar days after the day of its first official publication).

**Paragraph 1. Educational programs and curricula at KTO**

6. Curricula are developed in two forms:

- 1) individual curricula (hereinafter - IEP);
- 2) working curricula (hereinafter - RUP).

In higher education institutions, curricula are divided into standard curricula (TCU) and working curricula (RUP). TUPl are approved by the head of the relevant state body in agreement with the authorized body in the field of education. The TUPL determines the labor intensity of each academic discipline of the compulsory component and each type of educational activity (practice, state exams, writing and defending the thesis) in credits, and the university component for each cycle of academic disciplines is indicated by the total number of credits.

7. For each EP, the educational organization develops a catalog of elective disciplines (hereinafter referred to as QED), with the exception of higher education institutions.

QED provides students with the possibility of an alternative choice of elective academic disciplines for the formation of an individual educational trajectory.

8. On the basis of the educational program and QED, students with the help of advisors develop IEPs, with the exception of higher education institutions.

The IEP determines the individual educational trajectory of each student separately. The IEP includes disciplines and types of educational activities (practices, research/experimental research work, forms of final certification) of the mandatory component (OK), the university component (VC) and the elective component (EC).

9. A student of educational programs with a reduced period of study based on technical and vocational, or post-secondary, or higher education:

- 1) forms its own individual curriculum depending on the achieved learning outcomes, mastered prerequisites at the previous level of education, which are necessarily recalculated by the VPO and included in its transcript;
- 2) has individual terms of study and the volume of the educational program, which are determined by the OVPO independently on the basis of the current educational program.

**Footnote. Item 9 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

10. The form, procedure for the formation and approval of the QED, IEP, RUP are determined by the OVPO independently. In higher educational institutions, the RUP is



developed for the entire period of study on the basis of TUPL and is approved by the head of the higher educational institution.

**Footnote. Item 10 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

11. When organizing the educational process according to the credit technology of education, the volume of each academic discipline is an integer number of academic credits. At the same time, the discipline is assessed with a volume of at least 5 academic credits.

It is allowed to evaluate the discipline in 3-4 academic credits.

In higher education institutions, the volume of each discipline is an integer number of credits and the discipline is estimated at 1-2 credits.

12. Each academic discipline has one non-recurring name, with the exception of physical culture, languages.

In higher educational institutions, it is allowed to master the discipline over several academic periods.

13. The content of academic disciplines is determined by standard curriculums and (or) working curriculums (syllabuses).

14. Model curricula (hereinafter referred to as TUPR) are developed in the disciplines of the compulsory component of the OED cycle in the bachelor's degree in accordance with subparagraph 5-2) of Article 5 of the Law.

In higher educational institutions, TUPR for the disciplines of the OOD cycle are approved by the state body in charge of the higher education institution, in agreement with the authorized body in the field of education.

15. Working curricula (syllabuses) are developed in all disciplines of the educational program of the OVPO independently.

The form, structure, procedure for the development and approval of working curricula (syllabuses) are determined by the OVPO independently.

**Footnote. Item 15 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

16. The volume of one module is determined by the educational organization independently and includes two or more academic disciplines or a combination of one or more disciplines with other types of educational work.



17. Professional practices, final certification, master's / doctoral dissertations (projects) are included in the relevant modules of the educational program. Moreover, each type of professional practice belongs to different modules.

**Footnote. Item 17 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

**Paragraph 2. The educational process for CTO**

18. The organization of the educational process within one academic year is carried out on the basis of the academic calendar, which is approved by the decision of the academic (pedagogical) council of the educational organization.

The academic calendar reflects the periods of training sessions, intermediate and final certification, professional practices and other types of educational work during the academic year, days of rest (holidays and holidays).

19. Each academic period ends with a period of intermediate certification of students. In a higher education institution, the duration of the intermediate certification after each academic period is at least 1 week.

20. Vacations are provided to students at least 2 times during the academic year, the total duration of which should be at least 7 weeks, with the exception of the graduation course.

In higher education institutions, the total duration of holidays in the academic year should be at least 6 weeks, with the exception of the graduation course.

21. Professional practice is an obligatory type of educational work of a student. The main types of professional practice are educational, pedagogical, industrial and undergraduate.

When organizing the educational process, it is allowed to introduce professional practice both separately from the academic period and in parallel with the academic period.

The results of professional practice are taken into account when summing up the results of the intermediate certification.

The duration of the practice is determined in weeks based on the normative time of the student's work in practice during the week, equal to 30 hours (6 hours a day with a 5-day working week).

For higher education institutions, the duration of all types of internships (internships) is determined in weeks based on the standard time for cadets to work in practice (internships) during the week, equal to 60 hours (10 hours a day with a 6-day working week).

22. It is allowed to introduce a summer semester (with the exception of the graduation course) with a duration of at least 6 weeks to meet the needs for additional training, eliminate academic debts or differences in curricula, study academic disciplines and master credits for students in other educational organizations with their obligatory re-crediting in their own organization of higher and (or) postgraduate education, improvement of the average grade point (GPA), development of a related or additional educational program, including within the framework of double-diploma education.

In higher education institutions, it is allowed to introduce a summer semester (with the exception of the graduation course) lasting up to 4 weeks to meet the needs of cadets for additional training, eliminate academic debts or differences in curricula, study academic disciplines in other educational organizations, and increase the average score.

23. When planning the amount of study work, it is assumed that one academic credit is equal to 30 academic hours for all its types. One academic hour for all types of educational work is equal to 50 minutes.

In higher education institutions, one academic hour for all types of training sessions, all types of practices and final certification is at least 40 minutes.

24. Labor intensity of one Kazakh academic credit (30 academic hours) corresponds to 1 ECTS credit (25-30 academic hours).

25. With the credit technology of education, the independent work of students is divided into two parts: independent work, which is performed under the guidance of a teacher (SROP), and the part that is performed completely independently (SRO - SRO itself).

The entire volume of SRO is confirmed by tasks that require the student to daily work independently.

26. The ratio of time between the contact work of the student with the teacher and the SRO for all types of educational activities is determined by the OVPO independently. At the same time, the volume of classroom work is at least thirty percent of the volume of each discipline.

When studying disciplines using distance learning, it is planned to transfer to distance learning no more than twenty percent of the total volume of each discipline, with the exception of disciplines, the development of which is provided for using massive open online courses.

In online learning, the ratio of synchronous classes is at least twenty percent of the total volume of each discipline, with the exception of disciplines, the development of which is provided for using massive open online courses.

Footnote. Paragraph 26 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).

27. Planning of theoretical training and intermediate certification is carried out by a single amount of credits, i.e. the total number of credits for each discipline includes both its study and the preparation and passing of forms of intermediate certification in this discipline.

28. Each academic discipline is studied in one academic period and ends with a final control.

In higher education institutions, upon completion of the study of each discipline, cadets pass the final control in the form of an exam. If the discipline has a duration of two or more academic periods, at the end of each academic period, an intermediate control is carried out in the form of an exam. All types of professional practices, term papers (projects), military internships are evaluated through defense.

29. Planning of the teaching load of the teaching staff is carried out in academic hours and / or credits. At the same time, the pedagogical load in the classroom is calculated based on the norm that 1 academic hour is equal to 50 minutes. The teaching load for other types of educational work is calculated on the basis of time standards established by the OVPO independently. In higher education institutions, the pedagogical load is calculated based on the norm that 1 academic hour is equal to at least 40 minutes

Footnote. Paragraph 29 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).

30. Academic streams and groups are formed on the principle of a sufficient number of students enrolled in a given discipline and to a given teacher, and achieving a sufficient level of their profitability.

The occupancy of the academic stream and the group is determined by the organization of education independently.

31. Registration of students for academic disciplines (Enrollment) is organized by the office of the Registrar. At the same time, student support services and advisors are involved in carrying out organizational, methodological and consulting work with students.

32. When determining an individual learning trajectory within the university component and the elective component, the student chooses:

- 1) disciplines in the main educational program;
- 2) disciplines for an additional educational program.

33. The procedure for choosing and mastering disciplines in the main educational program is carried out taking into account the presence of prerequisites.

The procedure for choosing and mastering disciplines for an additional educational program is carried out to obtain additional competencies in related or specialized EPs, as well as to meet the personal needs of the student.

34. The volume of disciplines chosen for the additional educational program is established by the OVPO independently. At the same time, the disciplines of the additional EP are studied by students within the framework of the disciplines of VC and VC, and their volume is included in the total amount of academic credits required to award the appropriate degree or qualification for the main EP.

**Footnote. Paragraph 34 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

35. In the process of enrolling in academic disciplines, students form their own IEP. In doing so, they:

- 1) get acquainted with the rules for organizing the educational process on credit technology of education;
- 2) comply with the established deadlines for registration for academic disciplines and for making changes to the IEP;
- 3) are enrolled in the disciplines taking into account the mastered prerequisites.

36. Educational achievements (knowledge, abilities, skills and competencies) of students are evaluated in points on a 100-point scale, corresponding to the letter system accepted in international practice with a digital equivalent (positive marks, in descending order, from "A" to "D", and "unsatisfactory" - "FX", "F") and marks according to the traditional system.

In case of receiving an "unsatisfactory" mark corresponding to the "FX" mark, the student has the opportunity to retake the final control without re-passing the program of the discipline/module.

In case of receiving an "unsatisfactory" grade corresponding to the "F" mark, the student is re-enrolled in this academic discipline/module, attends all types of training sessions, performs all types of educational work according to the program and retakes the final control.

37. In order to improve the quality of the implementation of the educational program and ensure the objectivity of assessing the educational achievements of students, the processes of learning and final control are separated.

Intermediate and final certification of students is organized by the office of the Registrar, with the exception of higher education institutions.

38. The Office of the Registrar constantly monitors the results of the intermediate certification of students and analyzes them in accordance with the evaluation table, reflecting the actual percentage distribution of absolute marks above the passing level in groups of students, in accordance with Appendix 1 to this order.

39. The award of academic credits to a student in academic disciplines (modules) and other types of academic work, as well as upon completion of the study of the EP as a whole, is carried out with a positive assessment of the learning outcomes achieved by him.

40. Achieved learning outcomes and positive grades received by students at previous levels of education and in other formal education organizations are recognized independently with the re-credits of OVPO.

**Footnote. Item 40 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

41. When transferring, restoring the achieved learning outcomes, the positive grades of the student are recognized with the transfer of academic credits from one EP to another, from one educational organization to another educational organization.

42. All academic credits and learning outcomes obtained by learners in formal and non-formal education accumulate over a lifetime.

**Paragraph 3. Organization of academic mobility, including international credit mobility of students**

43. To ensure academic mobility, students study certain disciplines in other educational institutions, including abroad.

At the same time, a bilateral agreement is concluded between educational organizations.

44. In order to benefit from the diverse educational experience of other educational institutions, the "windows of mobility" determine the time frame, academic disciplines and volumes of credits that the student masters in another EVE.

**Footnote. Paragraph 44 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

45. The procedure for organizing academic mobility of students, the selection of students is carried out by the OVPO independently.

At the same time, the direction for participation in academic mobility within the framework of programs funded at the state level is carried out in accordance with the Rules for the direction for studying abroad, including within the framework of academic mobility, approved by order of the Minister of Education and Science of the Republic of Kazakhstan dated November 19, 2008 No. 613 (registered in the Register of State Registration of Regulatory Legal Acts under No. 5499).

**Footnote. Paragraph 45 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

46. To participate in international credit mobility, knowledge of a foreign language is required at the level provided by the host educational organization.

47. The final document confirming the student's education under the mobility program is a transcript or its equivalent in the host country.

Information about the training program is entered into the transcript: the names of disciplines (modules), grades, the number of mastered academic credits.

48. Learning outcomes, mastered in full by students as part of academic mobility and confirmed by a transcript, are recalculated by the VPO without fail.

**Footnote. Paragraph 48 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

**Paragraph 4. The procedure for the development and implementation of double-degree education programs and joint educational programs**

49. Double degree programs - programs based on the comparability and synchronization of educational programs of the organization of higher and (or) postgraduate education partners and characterized by the acceptance by the parties of common obligations on such issues as determining the goals and content of the program, organization of the educational process, degrees awarded or awarded qualifications.

50. Double degree programs are developed on the basis of an agreement between two OVPO partners.

At the same time, the mandatory conditions for the implementation of double-degree education programs are:

- 1) development and approval of agreed educational programs;
- 2) mastering by students included in double-degree education, a part of the educational program in the OVPO-partner;
- 3) mandatory recognition and automatic recalculation of periods and learning outcomes based on agreements, general principles and quality assurance standards;
- 4) the involvement of teachers in double-degree education, the joint development of an educational program, teaching, participation in general admissions and attestation commissions;
- 5) students who have fully mastered the programs of double-diploma education are awarded the degree of each OVPO partner, or one joint degree on the basis of agreements.

**Footnote. Paragraph 50 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

51. The inclusion of a student in the double-degree education program is carried out on the basis of his application and in accordance with the agreement (agreement) concluded with the OVPO partner.

The student goes through the enrollment procedures at the OVPO partner.

**Footnote. Paragraph 51 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

52. Foreign students included in the double-degree education program go through similar procedures for enrolling in the general contingent of students with a special mark "included education" and indicating the period, duration of study, the number of disciplines and the amount of credits to be mastered.

53. The individual curriculum of the student includes a list of academic disciplines, their labor intensity (in credits and hours), distribution by semesters, organizations of higher and (or) postgraduate education - partners where they will be mastered, the procedure for re-crediting.

54. The educational program of double-degree education takes into account the requirements of the state compulsory standards of higher and postgraduate education of the Republic of Kazakhstan and the requirements of the OVPO partner.



The list of disciplines of the educational programs of both parties is taken into account when drawing up the individual curriculum of the student. Also, the student in full passes all types of practices and final certification.

**Footnote. Paragraph 54 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

55. When studying under double-diploma education programs, it is possible to use various learning technologies through distance learning.

**Footnote. Paragraph 55 - as amended by the order of the Minister of Education and Science of the Republic of Kazakhstan dated 06.05.2021 No. 207 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

56. At the end of each academic year, the OVPO partner, implementing the corresponding module of the program, issues a transcript to the student.

**Footnote. Paragraph 56 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated 09/23/2022 No. 79 (shall be enforced upon expiration of ten calendar days after the day of its first official publication).**

57. Upon completion of studies and fulfillment of all the requirements for each of the programs, the student is issued two diplomas of established samples on the award of an academic degree and two transcripts or one joint diploma on the basis of agreements.

### **Chapter 3**

#### **Paragraph 1. Educational programs and curricula at KTO**

58. The structure of the content of educational programs (hereinafter - EP) is implemented through curricula and programs.

OP contains:

- 1) study of cycles of basic and professional disciplines and (or) modules;
- 2) performance of laboratory and practical work on basic and professional disciplines and (or) modules;
- 3) passing industrial training and professional practice;
- 4) implementation of course and diploma design (work);
- 5) passing the intermediate and final certification.

At the same time, EPs are structured according to the principle of modular learning.

In higher education institutions, the content of the EP provides for the study of general humanitarian, general professional, special disciplines and the passage of military training.

59. When organizing the educational process on CTO, educational institutions develop:

- 1) working curricula (hereinafter - RUP);
- 2) individual curricula (hereinafter - IEP) (with the exception of higher education institutions).

60. The curricula use a unified module coding system, which provides for the assignment to each educational module of the curriculum of the corresponding code in symbols of alphabetic and numeric expressions.

61. The RUP defines the list and labor intensity of each academic discipline and (or) module of the mandatory component and the component of choice in credits, the procedure for studying them, types of educational activities and forms of control.

For all modules and (or) disciplines included in the RUE, the following is indicated: the number of credits reflecting the complexity and importance of each module and (or) discipline;

the amount of hours allocated for classroom lessons;

the volume of hours allocated for independent work of students (SWS);

the volume of hours allotted for independent work of students under the guidance of a teacher (SIW).

In higher education institutions, the RUE determines the list and labor intensity of each academic discipline and (or) module of the mandatory component, the university component in credits, the procedure for studying them, types of educational activities and forms of control.

62. The RUP is developed for the entire period of study and is approved by the head of the educational organization based on the decision of the pedagogical council.

RUP serves as the basis for calculating the labor intensity of the educational work of the student and teacher.

In higher educational institutions, the RUE is developed in accordance with the Rules for the organization and implementation of the educational process, educational and methodological and scientific and methodological activities in military educational institutions subordinate to the Ministry of Defense of the Republic of Kazakhstan, approved by order of the Minister of Defense of the Republic of Kazakhstan dated January 22, 2016 No. 31 (registered in the Register normative legal acts under No. 13342).

63. The form, structure and volume of study time of the PMM correspond to the standard curriculum.

64. When organizing the educational process, the volume of each module and (or) discipline is an integer number of credits.

65. RUEs are developed for all modules and (or) disciplines on the basis of standard curricula approved by order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2017 No. 553 (registered in the Register of Normative Legal Acts under No. 16013) or OP.

The procedure for the development and approval of the PMM (syllabuses) is determined by the educational institution independently.

66. The IEP determines the individual educational trajectory of each student separately, is compiled taking into account prerequisites and postrequisites, and serves as the basis for updating the component of the choice of the PMM. The form and structure of the IEP are determined by the educational organization independently.

The individual curriculum includes disciplines and (or) modules of the mandatory component and types of educational activities (practices, intermediate and final certification, writing and defending a graduation project (work), discipline and (or) module of the component of choice.

67. The IEP is approved by the head of the TVET organization in three copies: one is kept in the department and serves as the basis for monitoring the implementation and development of the educational program by the student, the second is transferred to the Registrar's office (educational unit) for organizing intermediate certification, the third is handed to the student.

68. The educational organization provides the educational process in full with information sources: textbooks, teaching aids, teaching aids and developments in academic disciplines and (or) modules, active handouts and instructions for independent work, electronic textbooks, access to network educational resources.

**Paragraph 2. The educational process for CTO**

69. The organization of the educational process is carried out on the basis of the schedule of the educational process, which is approved by the head of the educational organization.

The schedule of the educational process consists of academic periods, periods of intermediate certification, vacations and practices. At the graduation course, the academic year includes a period of final certification.

The schedule of the educational process is divided by years. The academic year is 52 weeks, of which 40 weeks are for the educational process, 11 weeks are holidays, 1 week is compensated by holidays.

In higher education institutions, the academic calendar is broken down by year. The academic year is 52 weeks, of which at least 6 weeks are holidays.

70. The planning of the teaching load of teaching staff is carried out in credits or academic hours, which is the time of contact work of the teacher with the student according to the schedule.

71. Professional practice is an obligatory type of student's educational work.

The main types of professional practice are educational, industrial, undergraduate and military internships.

The duration of the practice is determined in weeks based on the normative time of the student's work in practice during the week, equal to 36 hours (6 hours per day with a 6-day working week).

In higher education institutions, the duration of practice is determined in weeks based on the normative time of a cadet's work in practice during a week, equal to at least 36 hours.

Industrial training and professional practice make up at least 40% of the total study time of compulsory education, excluding the time allocated for general education disciplines, for intermediate and final certification (with the exception of higher education institutions).

72. When planning the amount of study work, it is assumed that one credit is equal to 30 (thirty) academic hours for all its types. One academic hour for all types of educational work is equal to 50 minutes.

73. Labor intensity of one Kazakh academic credit (30 academic hours) corresponds to 1 credit (25-30 academic hours).

74. Under the CTO, the independent work of students is divided into two parts: independent work, which is performed under the guidance of a teacher (SROP) and work that is performed completely independently (SROS).

SROP is included in the general schedule of classes and is included in the mandatory paid workload of the teacher.

The entire volume of the SWS is confirmed by tasks that require the student to do daily independent work.

75. The ratio of time between classroom contact work, SROP and SROS for all types of educational activities is determined by the educational institution independently. At the same time, the volume of classroom work and SROP is 1440 hours per year, the volume of SROS is 360 hours per year.

76. Registration of students for the study of disciplines and (or) modules (Enrollment / Inraulment) is organized by the office of the Registrar. At the same time, an adviser

(Advisor) is involved in carrying out organizational, methodological and consulting work.

77. The organization of the system for monitoring the educational achievements of students is carried out by the Registrar's office, which reports to the deputy head of the educational organization for academic work (with the exception of higher education institutions).

The Registrar's Office maintains a history of student learning achievements throughout the entire period of study, which is reflected in the transcript. The transcript is issued at the request of the student for any period of his training.

78. In order to improve the quality of the implementation of the educational program and ensure the objectivity of assessing the educational achievements of students, the processes of learning and final control are separated.

79. Educational achievements (knowledge, abilities, skills and competencies) of students are evaluated in points on a 100-point scale corresponding to the letter system adopted in international practice (positive marks, in descending order, from "A" to "D", "unsatisfactory" - "F") with the corresponding digital equivalent on a 4-point scale, in accordance with Appendix 2 to these Rules.

80. The award of academic credits to a student in academic disciplines and (or) modules and other types of academic work, as well as upon completion of the study of the EP as a whole, is carried out with a positive assessment of the learning outcomes achieved by him.

81. When transferring, restoring, as well as studying within the framework of academic mobility, the achieved learning outcomes, the positive marks of the student are recognized with the transfer of academic credits from one EP to another, from one organization to another.

Annex 1  
to the order of the Minister  
education and science  
Republic of Kazakhstan  
dated April 20, 2011 No. 152

**Footnote. Annex 1 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated September 23, 2022 No. 79 (shall be enforced ten calendar days after the day of its first official publication).**

**Grade Distribution Table for Management**

Ratings used in OVPO (from highest to lowest positive score)	The number of positive marks given in the reference group	Percentage of each rating in relation to the total number of positive ratings	Cumulative percentage of positive ratings
10	50	5%	5%
9	100	10%	15%

8	350	35%	50%
7	300	thirty%	80%
6	200	20%	100%
Total	1000	100%	-

Annex 2  
to the order of the Minister  
education and science  
Republic of Kazakhstan  
dated April 20, 2011 No. 152

**Footnote. Annex 2 - as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated September 23, 2022 No. 79 (shall be enforced ten calendar days after the day of its first official publication).**

**The letter system for assessing the educational achievements of students, corresponding to the digital equivalent on a four-point system**

Grading by letter system	Digital equivalent of points	Percentage	Assessment according to the traditional system
A	4.0	95-100	Great
A-	3.67	90-94	
B+	3.33	85-89	Fine
IN	3.0	80-84	
IN-	2.67	75-79	
C+	2.33	70-74	
WITH	2.0	65-69	Satisfactorily
WITH-	1.67	60-64	
D+	1.33	55-59	
D	1.0	50-54	
FX	0.5	25-49	unsatisfactory
F	0	0-24	