



## ADVANTAGES OF INDEPENDENT EDUCATION IN THE CREDIT MODULE SYSTEM IN EDUCATION

**ISSN(E):** 2938-3773

Malikova Muhabbat Graduate Student of Navoi State Pedagogical Institute

Bozorova Aziza Student of Navoi State Pedagogical institute

Sayfullayeva G. I. Supervisor, Associate Professor of Navoi State Pedagogical Institute

## **Abstract**

A credit-module system, which is the process of organizing education, is a model of assessment based on a set of Modular Technologies of teaching and a measure of credit. Carrying it in one whole is a lush and complex systemic process.

**Keywords**: credit-module system, education, process, way, subject, imposed, study.

## Introduction

In the principle of credit-module, importance is given to two main issues: ensuring the independent functioning of students; assessment of student knowledge on the basis of rating. As the main tasks of the credit-module system, the following are recognized:

Organization of educational processes on the basis of modules /;

determination of the value of one subject, course (credit);

rating of student knowledge based on rating points / digitpol;

to allow students to create their own study plans in an individual way;

increase the share of Independent Education in the educational process;

the convenience of educational programs and the fact that in the labor market it is possible to change depending on the requirement imposed on the specialist.

The pedagogical potential of the credit-modular system of educational organization as a set of its capabilities (socio-cultural, systemic, organizational, legal conditioning) includes: the availability of information, content resources; attention to the identification and elimination of the difficulties of the student and teacher in self-education activities; the interaction of the teacher and the student on the basis of cooperation, the freedom to choose organizational forms, methods, means The pedagogical potential of the creditmodul system of the organization of training reflects the process of forming skills in their totality. At the same time, the starting point determines the size of the student/teacher's academic work on the loan (credit, credit-hour). One credit is equal to 1 academic hour of the student's weekly audience work during the academic period. Each academic hour of the lecture, practical (seminar) and seminar mashg\_ulots conducts 2 hours (100 minutes) of Independent Education. The process model for the formation of the skills of the student's self-education activities in the conditions of the





credit-modular system of educational organization. As a methodological basis of the process model, the following are defined:

**ISSN(E):** 2938-3773

- 1. In the credit-modular system of educational organization, a systematic approach was chosen as the methodological basis for designing a model of the process of forming the skills of the student's independent educational activities, since it is this approach that clearly defines the composition of the components included in the system.
- 2. The implementation of the personal-activity approach makes it possible to actively use the principle of unity of personality and activity, —to create a successful situation. This approach acts as a fact-oriented research tactic that plays a leading role in the design of content, when choosing the forms, methods and means of forming the skills of the student's independent educational activities in the credit-modular system of teaching.
- 3. The reflexive-variative approach is based on the principles of volatility, support for individuality and a positive point of view. The structured model is presented in the study with interrelated components and reflects, on the one hand, the logic of the credit-module system of the organization of training, on the other hand, a manageable, progressive feature, the continuity of mastering modules. Special disciplines that ensure the transition sequence of the student from independent activities in the rating to reflexive activities. The interaction of subjects in independent educational activities in terms of motivational/targeted, content-operational, activity rating intermediate assessment stages and operational and modules is seen. The presentation of each stage of this model makes it possible to consistently consider the internal content of the credit-module system of educational organization, to justify the transition from one stage to another.

This model is characterized as a whole with stability, preservation of the essence of the form. Consequently, in the credit-modular system of educational organization, the result of modeling the process of formation of independent educational activities of the student is the separation of the sequence of stages (motivational-targeted, content-operational, result-assessment) and the established relationship between them. In the educational process, it is necessary to activate the Independent Education of the student. It is characterized by the choice and Fulfillment by the student of ways to put, solve, self-control and evaluate the issue of Independent Education. Currently, the educational process in higher education is aimed at the comprehensive formation of specialists, requiring comprehensive systematic work on the development and management of students 'cognitive activity in the conditions of their acquisition of certain professional knowledge, skills and skills. In higher education, the lesson process I known for many. They are an inextricably linked system and differ from textbooks, teaching and methodological manuals and lecture texts. They will contain methodological guidelines, a block of control over the cognitive activity of the learner, criteria for independent study in the process of professional training, psychological and pedagogical recommendations for his orientation towards selfindependent study, self-control, self-expression and self - assessment in the process of personal cognitive activity. Independent educational materials come in the form of educational and methodological manuals, lecture texts, computer programs, audio and video materials, recommendations for the use of existing traditional textbooks, other sources of information. Independent educational materials are classified by several signs.

1. According to the description of the educational material:





these are the knowledge and information that can be obtained from textbooks, educational and methodological manuals;

**ISSN(E):** 2938-3773

additional materials; text of the sample lecture, et al.

2. According to the volume of educational information:

The full volume of information on the topic of studied issues, educational science. Information technology related materials.

3. According to the term of use:

Materials that are distributed to learners for one use;

Materials that are used several times in training.

In the process of Independent Education, independent educational materials as well as educational and teacher communication are the leading components. The degree of interaction of these two components helps to equalize open learning models. It should be noted that many students have never faced the problem of independent work with independent educational materials before. Independent educational materials have a structurally complex character, unlike textbooks, educational and methodological manuals. As practice shows, many learners are not able to objectively assess their skills to be able to work with independent educational materials during the learning process. These assessments are always of a personal (subjective) nature. It turns out a serious problem with how to ensure the impartiality of this process. Development, definition, justification and use of criteria for assessing the skills of learners to work independently with independent educational materials. Today, in developed countries, a lot of experience has been accumulated on the application of pedagogical technologies that increase the educational and creative activity of students, guarantee the effectiveness of the educational and educational process, and interactive methods form the basis of this experience. The student mainly demonstrates the knowledge he has acquired, while the teacher listens to his thoughts, in the necessary places the teacher - student addresses the participants of the conversation in traditional education with questions. As a conclusion, all the adjectives mentioned above change as age changes. In creative work, independence and criticality of thinking are necessary, which ensures the productiveness of mental activity. Unconventional methods in the process of Education set the stage for the comprehensive maturation of the student's personality. It is worth noting that today the students we teach and educate are of great importance in determining the day of tomorrow, the fate of our motherland

## References

- 1. Азиза Бозорова, Нилуфар Намозова Медиатаълим асосида астрономия дарсларини ташкил этишга инновацион ёндашиш методи// journal of innovations in scientific and educational research volume6 issue-6 (30- june)
- 2. Нилуфар Намозова Астрономия фанини ўкитишда кўлланиладиган дастурийпедагогик воситалар ва уларнинг имкониятлари // eurasian journal of technology and innovation Innovative Academy Research Support Center
- 3. Sayfullayeva Gulhayo Ixtiyor qizi Namozova Nilufar Tuxtamurodovna Astronomiya fanini o'qitishda elektron darsliklarning o'ziga xos xususiyatlari va afzalliklari// Journal of Universal Science Research 1 (10), 873-877





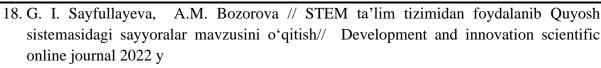
4. Н Намозова, Г Сайфуллаева Астрономия фанига интеграциялаштан медиатаълимнинг фаолиятли тузилмаси// бюллетень педагогов нового Узбекистана 1 (7), 21-23

**ISSN(E):** 2938-3773

- 5. Aziza Bozorova, Gulhayo Sayfullayevakredit–Modul Ta'lim Tizimida Talabalarning Mustaqil Ta'lim Jarayonini Tashkil Etish// Бюллетень студентов нового Узбекистана, 2023
- 6. Н Намозова мактаб астрономия фанига интеграциялашган медиатаълимдан фойдаланиш //TECHNICAL SCIENCE RESEARCH IN UZBEKISTAN, 2023
- 7. Haydarova Dilorom, Sayfullayeva Gulhayo pyton dasturida astronomiyadan animatsiya yaratish // Journal of Universal Science Research, 2023
- 8. Haydarova Dilorom, Sayfullayeva Gulhayo ways to effectively organize speech culture of the astronomy teacher// FAN, TA'LIM, MADANIYAT VA INNOVATSIYA, 2023
- 9. Q Surayyo, X Sevinch, S Gulhayo Astronomiyada ishlatiladigan amaliy innovatsion dasturlar haqida asosiy tushunchalar va ularning imkoniyatlari //Journal of Universal Science Research, 2023
- 10. H Dilorom, S Gulhayo Teaching methodology of the subject" motion, phases and periods of the moon".// JOURNAL OF ENGINEERING, MECHANICS AND MODERN ARCHITECTURE
- 11. SH Rozikulovich, S Gulhayo Methodology for finding the topic of the earth in distance education on the basis of an integrative approach Journal of Academic Research and Trends in Educational Sciences 2022
- 12. G. I. Sayfullayeva, N.T. Namozova // Fizikani oʻqitishda keys- stadi metodining echimi va tahlili qilish varianti// Central asian research journal for interdisciplinary studies 2022 y
- 13. G. I. Sayfullayeva, H.R. Shodiev // Masofaviy ta'limda Yer mavzusini integratsin yondashuv asosida topish metodikasiJournal of Academic Research and Trends in Educational Sciences (JARTES) 2022 y
- 14. G. I. Sayfullayeva, S.X. Mirzaqandova // The solution and analysis option of the case studies method in teaching the subject of kepler's laws from astronomy// Neuroquantology | october 2022 | volume 20 | issue 12 |page 3170-3174| doi: 10.14704/nq.2022.20.12.nq77320
- 15. G. I. Sayfullayeva, O'.K. Sunnatova // Astronomiyadan Kepler qonunlari mavzusini o'qitishda Keys- stadini metodini echimi va tahlil qilish varianti //International Conference on Developments in Education Hosted from Toronto, Canada https: econferencezone.org 27th Nov. 2022
- 16. G. I. Sayfullayeva, S.Q. Qahhorov // Fizika va astronomiya fanini oʻqitishda integratsiyalashgan yondashuv// Fizika fanini axborot va innovatsion texnologiyalar muhitida oʻqitishning zamonaviy tendensiyalari: Muammo va yechimlar mavzusidagi Respublika ilmiy- amaliy anjumani 24- noyabr 2022 y
- 17. G. I. Sayfullayeva, A.M. Bozorova // Quyosh sistemasi va Quyosh mavzusini STEM ta'lim tizimidan foydalanib oʻqitishning afzalliklari // Development and innovation scientific online journal 2022 y







**ISSN(E):** 2938-3773

- 19. G. I. Sayfullayeva, A.M. Bozorova // Astronomiyadan STEM dasturidan foydalanib quyosh soati mazusini oʻqitish// Yosh tadqiqotchi jurnali 2022 y
- 20. G. I. Sayfullayeva, A.M. Bozorova // Teaching the subject of the heliocentric theory of the universe using the stem education system// Journal of Academic Research and Trends in Educational Sciences 2022 y
- 21. G. I. Sayfullayeva, A.M. Bozorova // Astronomiya fanini oʻqitishda STEM ta'lim tizimining roli va ahamiyati // Pedagog respublika ilmiy jurnali 2022 y
- 22. G. I. Sayfullayeva, A.M. Bozorova // Astronomiyada STEM dasturidan foydalanpib yulduzlar osmonining surilma xaritasi mavzusini oʻqitish// Pedagog respublika ilmiy jurnali 2022 y.