

Development of Educational and Knowledge Competencies of Students

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Abstract

This article reveals the essence of the concept of educational and cognitive competence, pedagogical conditions, necessary factors and essential aspects of the development of educational and cognitive competence of students in the process of higher education.

Keywords: *educational process, competence, educational and cognitive competence, education, student, formation, development, necessity, result.*

Introduction

Today, the future is in the process of education in the training of specialists, individual and collective maximize the educational needs of the yat level satisfaction, vocational training optimization is one of the important directions is one. Continuing professional training The main feature of lash is tracking to adhere to the principle of educational goals to achieve is to rely on tradition. The education system in our republic mini-reform state policy level rising to the world of our children modern in standard conditions acquisition of knowledge and skills, physical mentally and spiritually mature person to ensure that they grow up as their abilities and talents, intellectual to realize their potential, young people loyalty and devotion to the motherland in our hearts great in developing his senses things are being done.

President's speech on February 7, 2017 in "Republic of Uzbekistan Actions on development strategy In the Decree No. PF-4947 on "Giyasi"1 social sphere, in particular, education and science one regarding the development of the fields a number of tasks are defined. This task is among others, the education system of our country to reform in form and substance, improving its legal base, strengthening the material and technical base, content, form and effect of education important work to improve the quality is being implemented. Because the education system has its own place, reputation on the world scale building a winning society, country ensuring our democratic development lash and civil society formation, democratize it liberalize, citizens' political-legal, moral, social consciousness and worldview raise the level, healthy thinking in order to form a perfect generation is a successor. That's why today from the directions in the education system one is the innovation of educational institutions activity as the main factor lip is being given. Every future professional the need to reform the education system understanding and applying it in practice lim institutions to innovative processes understanding the importance of joining and innovative that can be created to see himself on the field and, most importantly, new- consists of mastering characters.

Literature review

Relevance of the topic. Higher education Vocational education being prepared in institutions to analyze the work of teachers shows that they are proficient in their subject professional competence for the education of the generation forming a tent and their future to be able to apply consistently in professional activities requires skills. In modern society, one or another country not only the level of development of the layers its technical status, but also higher education institutions specialists in training also defines professional competence. Modernization of the education system, occurring in the vocational education system employees of the educational institution of change developed the professional competence of necessary for growth. Currently state educational institution of higher professional education were introduced, and the future profession quality of teacher training educational content aimed at increasing and Innovations in technology are widely introduced is being done.

English concept of "competence". lexically directly means "ability" represents the nose. The content is "active effective use of theoretical knowledge education, high-level professional qualification, ability to demonstrate skills and talents" means stands for .

The concept of "competence" is unconventional situations, in unexpected cases, specialist how to behave, how to communicate , in interactions with opponents to behave in a new way, perform unclear tasks in rish, from information full of contradictions in use, steadily developing and navigating complex processes means ownership of the plan.

Scientific sources on the topic A brief analysis of That's the analysis shows that students in the educational process develop learning competence improvement of education and professional training on the problems of the Republic of by many domestic and foreign scientists scientific-research works have been carried out. Friday ladan, N.A. Muslimov and K. Abdullaeva According to him, competence is theoretical a complex of knowledge, skills and abilities to be able to apply independently and creatively to practice degree, which is also the student's practice nida and in his post-higher education career is formed .

Analysis and results

Famous pedagogue scientist A.R. Khodzhaboev as he said, "... universities, schools and vocational and technical educational institutions tools used in the educational process, units, equipment, machinery and equipment systems are not only means of production as, but primarily education tools are counted, students are helped by develop professional skills and competencies has the ability to make and strengthen will be".

Modern socio-economic conditions professional self-management in dogs next to the professional development of the person- the most complete psychological forms of development feature of bicompetency studied by E.F. Zeer. Kas- professional activity structure one of the main components of masi evaluates as well as the person's orientation, professionally important qualities and psychophysiological characteristics available. In the studies of T.M. Sorokina teacher's professional competence pedagogy theoretical to implement gik activity and unity of practical training is interpreted in His teaching com- teacher's pedagogical activity of professionalism, which is the basis of yati is one of the stages.

A.V. Khutorsky "competence" and "com concepts of "patentability" as "synonymous the difference between the concepts of shows. Competence is a person's interaction related characteristics (knowledge, skills, fac- methodology), certain topics and procedures defined for sides and related to them efficient production in terms of quality complex required for release.

The main part. Competence and skill it is necessary to distinguish between Skill

- this is action, competence in a specific situation observation of behavior, skills character that can be learned from is a static property. So, skills manifested as competence in practice will be Competence is a skill, something that intensifies action. Competent is formed as a result of conscious activity.

The concept of competence is in a specific field knowledge, skills for successful activity personality, personal qualities and practical experience described as the ability to use nadi.

The main component of competence states the following as parts- we can:

- knowledge, not only information, but also fast changing, dynamic, changing, you unnecessary, become your own experience which you have to find information.

In the credit-module system of education, the main focus is on independent work of students given We know that if the learning process teaches students to think independently, such education can be considered as a learning process based on development. Make it a science by using special tools that focus students on independent thinking creative in them by creating a system of interest, teaching to free thinking, development ideas can be formed. The credit-module system is a process of educational organization is a summation of learning module technologies and assessment based on credit measurement is a model. In the credit-module principle, two main issues are important: ensuring independent work of students; assessment of student knowledge based on rating.

The role of independent education in improving the quality of the educational process is great. A student he must understand that independent education is conducted for his benefit. Teacher training cooperation with students in the process forms their confidence in independent education.

Lectures in the traditional way, that is, not limited to providing information, but will lead to positive results expected to be conducted in a problematic interactive manner. Independent work of the learner means that he is responsible for the knowledge he is getting and ensures future professional success. Student's independent work, its types, place and importance in the educational process, them issues such as ways to effectively organize our republic to this day and studied by foreign scientists as a research object. I.E. Unt, M. M. Skatkin, S. D. Smirnov, V. I. Yurchenko, P.I. Pidkasistyy, V.K. Buryak, B.P. Esipov, R.M. Mickelson, J. Hasonboev, Kh. Torakulov, Sh. Sharipov, Muslimov, O. A. Koysinov, M. Kh. Khaibullaev, S. M. Students in the system of higher education by the Yashanovs are independent types of work and issues of their organization were studied, B.N. Guzanov, N.V. Morozova, A.V. Antyukhov, N.V. Fomin, S.A. Students are independent by the Boltaboevs stages of organization of work, B. Usmanov, R. Habibullaev, G. Teleshova, V.A. Topolsky, O.Ya.Potekhina, E.V.Shcherbakova's studies on the credit-module system of students dedicated to the technology of organizing independent work. It is done directly by the student himself through his mobile device

The following types of independent work can be included: - preparation for class - lecture texts, podcasts, video materials, practical exercises and laboratory work study statements. Students are prepared by the teacher in the process of preparing for the lesson and can also use video files (vodcasts) uploaded to the distance learning system.

- search for information - through a digest presented based on their interests study internet materials. On Wikipedia --- Digest — (description in English, selection) meaning a brief analysis or summary of other publications.

The term Digest in general is a summary of the most interesting material considered as a summary of the press for a certain period of time. Student internet search for information on sites based on their interests using digests possible

- FAQ (Frequently Asked Questions) – educational programs for problems of interest seek answers through Known as FAQ (Frequently Asked Question(s)) on this or that topic the name of the general section of the site where answers to frequently asked questions are stored. Russian The meaning of the language is ChZV. In general, the student himself from the Internet is to find information on the topic of interest.
- Forum - Telegram channels on science topics or distance learning exchange ideas on platforms. It provides an opportunity to exchange specific ideas about science in forums. For example There is a forum for studying building construction in the AutoCAD program.
- Test-taking – related to the science module by practicing in the tutorial test programs reinforcement of materials; For example, the ability to solve science tests in the MyTest program is available. Preparation for supervision work - expected mid-term and final examinations in the subject to prepare

These forms of independent work are not given late instruction by the teacher and are not evaluated, but the student himself implements them based on his interests. In the credit-module system, the student has a certain degree of responsibility in the course of his education it is necessary to take it upon oneself, to work independently outside the audience in the subject. credit working outside the classroom in the module system, independent work of the student from the teacher organization, providing materials and tools for independent work and students It is necessary to create effective methods of controlling the level of mastery does. Students need not only materials and tools to become specialists, rather, it forms the skills of being able to process them and put them into practice

Independent work experience and skills are required. In the credit-module system of independent education in the educational process due to the increase in the share of independent education will increase in importance, and this will lead to the independence, creative initiative of specialists in the future, and to increase his activity, innovative-creative approach in performing any work brings In this, the student should always get help and advice from the teacher and fellow students will have the opportunity. This strengthens mutual cooperation and teamwork serves to form skills, as a result, the professional of future specialists competencies develop.

Self-directed learning is not about leaving students to their own devices is the independent activity of students regularly guided by teachers. A lot in cases, the concepts of independent work and independent work are used in the same sense, although they have different meanings in literature. Independent work or independent work of a student this is the student's development organized in a certain way (calculus work, abstract, course work, course project, graduation work, master's thesis, theses and articles, essay, keystadi Independent education and independent work are the educational activities of the student. So thus, transition to the credit-module system in higher education and this system in the process of studying giving wide space to the independent work of the student and the creative competencies of the students is the main factor of development. Independent work of students in all areas of education (technology, construction, agriculture, medicine, law, pedagogy, culture, art, etc spheres) has an effective effect on the formation of a perfect person in all respects.

Conclusion

In conclusion, it can be said that the independent work of students is a future specialist has an important influence on the formation of personality. Especially studying in the credit-module system each student receiving their own work order and content of education in each subject determines the amount of labor spent on mastering. He is doing his own independent study depending on the level of training, time and other conditions, personal, implements on the basis of an individual plan.

In the credit-module system, both bachelor's degrees and master's degrees Education through the effective use of independent work of students of majors it was justified that it is possible to increase the quality. Distance based on the credit-module system types of independent work of students on educational platforms are not only social-humanitarian in the fields of architecture, construction, art and culture, agriculture .

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