

PEDAGOGICAL CONDITIONS FOR DEVELOPING STUDENTS' COMPETENCES IN
FREELANCING IN THE FIELD OF INFORMATION TECHNOLOGIES

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Abstract . This in the article students information technologies in the field to freelance related competence to develop pedagogical conditions cited hamad from them to use related offer and recommendations giving passed .

Keywords: information technology , freelancing , pedagogy condition , Methodological support , online circle , practical program , web platform.

Pedagogical systems activity improvement and education process efficiency increase problems with related was modern in research interest awakening from aspects one this previously pushed the idea and activity done increase success providing pedagogical the conditions determine , justify and is verification [1].

Previously being pushed research is also to issues aimed at be , i.e students information technologies in the field to freelance related competence to develop pedagogical conditions working from the exit Therefore , the research within following pedagogical conditions clarified :

- 1) Computer modern practical and in instrumental programs different projects working to go out related practical skills development ;
- 2) High education in institutions information technologies related sciences in teaching freelancing ideas absorbed to go ;
- 3) To students information technologies in the field to freelance teacher methodical supply improvement ;
- 4) To students information technologies related from sciences independent education assignments in giving freelancing from platforms use ;
- 5) To students information technologies in the field to freelance teacher online circles organization to grow system working exit

Offer being done pedagogical of the conditions content as follows :

First pedagogical condition . This pedagogical condition students the computer modern practical and in instrumental programs different projects working to go out related practical skills to develop in mind holds . That is students only computer modern practical and instrumental programs use not , maybe different practical projects , including information management systems create , various authorship graphic projects working exit , various account their work performer practical programs working to go out related to the qualification has to be requirement Our autumns based on this witness we were supreme education in institutions take to go information technologies related to sciences relevant normative in documents main attention students to the course to enter service will do . However creative as if based on different practical projects working to go out related competence to develop enough attention This is not the case . own in turn students to freelance related competence to develop obstacle does . That's why for students to freelance related competence in development initially , their computer modern practical and in instrumental programs different projects working to go out related practical skills develop Students should to freelance related competence in development computer modern practical and in instrumental programs different projects working to go out related

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practical skills develop with together , supreme education in institutions information technologies related sciences in teaching freelancing ideas absorbed to go important It was so . for research within second pedagogical condition offer is being done .

Second pedagogical condition . This pedagogical condition supreme education in institutions information technologies related sciences in teaching freelancing ideas absorbed to go in mind holds . That is axboot technologies related from sciences lecture , practical and laboratory exercises take on the way only practical from the dasaturs use and different projects to do not , maybe to freelance guide practical assignments to perform methods and to that related assignments giving to go to the goal appropriate This is considered as a result students science related motivation to improve , creative and cognitive thinking to develop and authorship software products to finance circle imagination to form is achieved .

Like this tasks done increase for to students information technologies in the field to freelance teacher methodical supply to improve requirement Therefore , the research within third pedagogical condition offer is being done .

Third pedagogical condition . This pedagogical condition to students information technologies in the field to freelance teacher methodical supply to improve in mind That is , it requires the use of information and educational environments, web-platforms, and educational websites located in the global network, which teach students to freelance . Such methodological support increases the motivation of students and directs them to independently solve creative and professional problems [2].

The use of methodological support (presentation programs, training programs, electronic educational resources, virtual educational technologies, active learning materials, animated demonstration tools, assessment and control programs) allows students to self-educate and receive independent education [3].

In this regard, UMMirsanov [4], AONorbekov [119], DVLuchaninova [117], D.Otaqulova [120] conducted research, and they stated that search engines, educational environments, and web technologies of the global network serve as effective tools for increasing the effectiveness of teaching information technology-related subjects and developing students' competence in information technology.

In particular, according to AONorbekov, the use of modern information and educational environments in the educational system has necessitated a revision of concepts both in content and essence. When we talk about the educational process, we see a holistic process in the relationship between the professor-teacher and the student. Now this process is being combined with virtual information and educational platforms, information and educational environments, information resources, educational portals and websites. In this process, learning is more directly related to the student's internal capabilities, intellectual potential, and characteristics of receiving and assimilating information [5]. DVLuchaninova notes that one of the effective ways to develop students' competence is to use interactive forms of learning, that is, distance learning platforms. In his opinion, taking into account the widespread use of information and educational environments in higher education institutions, the use of distance learning is effective in developing students' creative information competence [6]. Taking into account the widespread use of information, distance learning in higher education stands out as the most favorable. In this case, students' freelance work related competence in development remotely use opportunity UMMirsanov states that the information technologies in the field experts global network in preparation at their

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VOLUME-5, ISSUE-9

addresses placed information and education from environments , education from portals and educational websites modern methodical supply become service does . His according to information technologies in the field news and computer practical programs modern versions and from it to use circle sources , starting with the global network is placed . In this following provides opportunities [4] :

- increases students' motivation for science. Students understand that learning information technology subjects is not difficult by reading educational materials in the software and watching video tutorials;
- It serves to a certain extent to develop logical, algorithmic thinking about science. In this case, science-related problems and tasks are presented from simplicity to complexity. In addition, it teaches how to write program codes for the given problems step by step;
- Provides the opportunity for independent study of computer applications. Provides students with all the educational resources for independent study of computer applications.

This scientist thoughts attention worthy is considered . Because freelancing in the field computer contemporary from versions use important is considered . Wide comprehensive study concept desired in place necessary technician tools using study opportunity in mind holds .

Conclusion that the material important part remote to form held , various interactive forms for audience in training time saves , this their efficiency increase additional professors and teachers students with online consultations , discussions group become organization to grow opportunity is created [6].

According to D. Otakulova, if the professor-teacher is a mediator between students and the established content of education in the traditional sense, information and educational environments serve as a means of providing a special form of pedagogical support [7]. The main component of learning to prepare computer graphics and web applications using information and educational environments is directed at self-education and knowledge acquisition of students in the educational space [8]. The main concept of information and educational environments is pedagogical support. Pedagogical support is understood as the process of creating conditions for methodological support for students if they encounter problems in preparing various advertisements, animation effects, visual projects, web applications using graphic programs [9].

Thus, based on the analysis of the research of scientists on the possibilities of methodologically supported educational tools, it can be said that in developing students' competence in freelancing, it is necessary to develop mechanisms for using methodological support, that is, information and educational environments, web platforms, and educational websites. Therefore, the three proposed pedagogical conditions are of great importance.

In addition to improving the methodological support for developing students' competence in freelancing, it was considered important to use freelancing platforms to assign tasks for their independent education in information technology subjects. Therefore, the study within fourth pedagogical condition offer is being done .

Fourth pedagogical condition This pedagogical condition to students information technologies related from sciences independent education assignments in giving freelancing from platforms use in mind Because Systematic involvement of students in active independent learning helps them understand the importance of self-education. In this regard, independent work is of great importance [10]. According to PIPidkasist, in the independent work of students, he understands various types of

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VOLUME-5, ISSUE-9

educational work or research tasks performed by students under the guidance of their teacher to master various knowledge, skills, and experience of creative activity [11].

Properly organized independent work, first of all, solves the tasks of motivation, testing achievements, developing students' voluntary attention, and forms independence as a character trait [7]. This, in turn, helps to develop students' competence in freelancing in the field of information technologies. important is considered .

Therefore, the main requirement for training personnel in higher education institutions, including in the field of information technology, is to develop and update in a systematic and continuous manner, scientifically, work-oriented, creatively solve social problems in an independent manner, think critically, develop and defend their own point of view, creative abilities. It is about shaping a person. The main goal of information technology subjects is to provide students with the skills and knowledge to perform tasks such as assembling computer devices, installing operating systems in computer memory, working with application and instrumental programs, creating various software products, database management systems, and solving practical problems using modern programming languages. It consists of having competence. The formation of such qualities requires the development of students' competence in freelancing in the field of information technology.

Therefore, it is considered appropriate to use tasks posted on freelance platforms when assigning independent education of students in information technology subjects, including independent work . This will not only develop students' professional competence in information technology, but also help them to become freelancers and earn money online. Therefore, this pedagogical condition is proposed within the framework of the study.

In order to develop students' competence in freelancing, it is necessary to use freelancing platforms for independent learning assignments, as well as provide them with online advice, including the organization of online circles. Therefore, the study within fifth pedagogical condition offer is being done .

Fifth pedagogical condition . This pedagogical condition to students information technologies in the field to freelance teacher online circles organization to grow system working exit means . Because online clubs on the basis one of time in itself wide extensive users attraction to do and time saving possible gives .

Offer being done pedagogical on condition to students freelancing secrets and to freelance from related web platforms use methods is taught . Also , the implementation offer being done projects done increase ideas giving This is as a result students to freelance related motivation increase through information technologies in the field modern freelancers to prepare is achieved . Therefore for research within offer being done pedagogical condition important importance has .

Conclusion as in other words , students information technologies in the field to freelance related competence in development there is pedagogical conditions with together research within offer being done pedagogical to the conditions action to do to the goal appropriate is considered .

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