



PEDAGOGICAL BASES OF ORGANIZING STUDENTS' INDEPENDENT WORK IN HIGHER EDUCATIONAL INSTITUTIONS

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ANNONATION

The article deal with the issues of proper organization of independent educational activities of students of education. Abstract in the article, the pedagogical conditions for the proper organization of independent educational activities of students of technological education, the organization of independent education, the correct determination of independent work tasks, the level of evaluation of independent tasks performed by tudents teacher and student in performing independent tasks issues of cooperation are described

KEYWORDS: *independent education, credit- modul system, technological education*

In reacent years , many reforms have been implemented in the educational system. Decree of the President of Uzbekistan No PF 5847 of October 8, on approving the concept of development of the higher education system of the Republic of Uzbekistan until 2030.

The President of our state signed decree no.PF-5847 of October 8,” On approval of the concept of development of the higher education system of the Republic of Uzbekistan until 2030”In this important program document “ step by step or credit-module of the educational procces in higher education institutions transfer to the system” is defined as a task. According to the credit module system, educational activities provide for individual oriented teaching technologies and independent study of the student. According to the requirements of the module system ,the feasibility og organizing students' independent work in the following forms is determined:

In the auditorium- these are independent works performed directly under the guidance of the teacher independent works given by the teacher outside the audience, but performed by the student without his participation

The content of students' independent work in the classroom and outside the classroom is determined based on the recommended educational tasks indicated by the working program of the academic subject .

However, it is impossible to achive the intended goal without forming the personal responsibility of students in the organization of the independent educational procces.For this purpose , it would be appropriate to work on the basis of the student's personal schedule provided for in the new credit-module system.

Students' independent work is methodically organized by the teacher and without his direct participation of students in the auditorium and outside the auditorium the work performed during the training period is understood.

The main goal of organizing students' independent work should be to create tools and forms to increase the activity of independent thinking of the future graduate.



It is intended to determine the size of students' independent work in subjects based on science programs prepared for work on a specific subject.

The main methodological principles direct students' independent work to the goal. The main tasks of organizing students' independent work should be:

-supplementing previous knowledge and acquiring new knowledge. Practical skills and qualifications in the subject being studied as well as the future formation of professional skills in the speciality.¹

To be able to apply acquired knowledge, skills and abilities in practice.

Also, in didactics, independent work of students can be done in a team or as a student.

It is understood that he performs various tasks in his personal activity. Independent work is carried out not only in the process of mastering certain subjects, but also during academic and professional activities. Independent work of students is managed on the basis of the state educational standards issued by the Ministry of higher and Secondary education. Independent work is assigned to students based on their ability consists of the following types, which are related to each other:

-performing homework tasks, i.e. preparing abstracts, cases, crossword puzzles, solving problematic tasks, preparing for further training (lectures, practical and seminar training, and supervision), as well as general social, professional and personal training (for example, text development skills to work) organization.

-student's independent works from the audience and the guidance of the teacher should be carried out in cooperation in extracurricular activities.

-performing educational and scientific research works i.e.

Writing term papers, preparing projects, developing professional competence.

In our opinion the organization of independent work of students are the following three implementation at the stage should be appropriate.

1. Preparatory stage (methodical development of target identification programs, etc)

2. Basic (implementation of working programs, application of information search methods, knowledge acquisition, processing, knowledge application, recording results)

3. Final (analysis and evaluation of the results, systematization of the program and evaluation of the effectiveness of work methods, a conclusion on the optimization)

Determining the initial levels of independent study of the first courses: determining the content of independent work of students are in accordance with the goal of determining the requirements for independent study and studying the level of knowledge gained during the entire period of education. In planning independent work in science, the teacher is a student from the first lesson the purpose and tasks of studying science, the number of hours allocated by topic, the content of the educational materials to be explained by topic, the topics studied in the auditorium (lectures and practical exercises) and independent study. It is necessary to introduce the content. As much as possible with this material, it will be appropriate if it is distributed to each student based on the following table.

The goal is to provide students with materials for independent work in the following sequence:

-the content of the studied material

- the number of hours allocated to lectures and practice

-topics of independent education

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-competencies formed in students

The requirements for studying the topic “technology of cutting, carving and trimming of wood raw materials” from the science of product preparation are detailed (auditory work -4 hours, non-auditory work-4 hours)

What we should know	What to be able to need	What to have and how to act
Wood materials Cutting and engraving technologies	To prepare independently technological processes of preparing for every thing	Cutting, carving and trimming. Learn about the processes to have and skills and competences try to have to do

Pedagogical conditions for organizing student’s independent work consist of them:

- readiness of students to do independent work
- interest in acquiring knowledge (understanding the importance of educational materials in the future life, learning another subject as well as being independent from one another subject things .interesting and desire to perform)

Sufficiency and availability of the provision of information and methodical , educational ,electronic resources

- continuous systematic control of the quality of independent works
- organization of consultations as a help from the teacher

Methodology of organizing student’s independent work by the teacher. Independent work is selected according to the nature of the allocated hours and he tasks are based on the personal characteristics of students and educational activities from is determined based on perform independent work and meet their standart requirements . It is particular importance of constantly monitor that it has been completed

Assesment of acquired knowledge skills and abilities on independent work and control should be carried out in the following order :

- organization of independent activities, planning, determining setting goals .
- the ability to use the internet and another electronic sources for learning
- problem solving imagination skills
- knowledge of obtaining information and fact from various sources
- formation of independent analysis of materials, systematization and enrichment skills
- skills related to drawing independent conclusion from the studied materials cognitive skills

The following criteria are used to evaluate the levels of mastery of completed tasks.It is appropriate if it is justified.

- Level 1 dispersed knowledge
- Level 2-knowledge at the level of development
- Level 3- knowledge of the application by the example
- Leve;4 –creativity level knowledge

The form of student knowledge is a combination of oral and written, and it is the form of conducting tests and knowledge monitoring. The following can be used to monitor students knowledge: self- monitoring current and express monitoring, monitoring of students independent work

Usually carried out based on the results of the task performance.



Types of independent education control: self control, mutual, current and express control, border and final control.

Independent education is carried out under supervision both directly on the results of completed tasks and directly during the final qualification work can be increased from the pedagogical point of view, the teacher in the process of independent education mutual relations should be consists of following.²

The teacher informs the topic of the lesson. Justified relevance, shows the range of problems. He poses a clear problem to the audience on the topic of the lecture. It leads on the understanding of the purpose of the activity and the content of the lecture. Reveals basic concepts, groups according to the content of the topic. Creates a compositional solution: provides these arguments, descriptive and analytic lecture. He asks questions during presentation. Encourages joint thinking and review notices the student's actions. Makes brief conclusion, explains the plan for its preparation. The students listen attentively and actively. Understands the content and the importance of knowledge of the subject. Carefully observes and listen to inform. Understand the material logically and tries to highlight the main points. Makes conclusion during the lecture Read and analyses graphs and charts. Summarizes and organizes the content of the lecture. Conducts a comparative facts and definitions. Summarizes knowledge and ask question

Based on his duties, the teacher teaches students methods of teaching at the university, scientific organization of the work with the procedure and the criteria for evaluating the quality of independent work performed

- Introduces the goals, tools, labor intensity and control forms of student's independent work
- As well as competence in the subject taught in students the ability to look for good answers
- Scientific research skills
- Implies the formation of competences in accordance with the curriculum
- Develop skills for working with scientific lecture
- Group and individual performance
- Systematically monitors the implementation of independent work schedule
- Analyses and evaluates independent learning.
- Therefore if above are correctly followed in the organization of students independent works and their assessment and if the cooperation between them is established correctly, the expected goals and results will be fully achieved

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