



 Research Article

THEORETICAL MODEL OF STUDENT INDEPENDENT LEARNING ACTIVATION BASED ON MOBILE TECHNOLOGIES

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ABSTRACT

This article presents the theoretical and functional structure of the activation of the requirements of independent learning through the design of educational activities on the example of general professional disciplines. It also shows the pedagogical process, the pedagogical system and its stages, algorithms of educational activities, didactic materials needed to activate the independent learning of students.

KEYWORDS

Design, model, activation, general, pedagogical process, pedagogical system, independent education, pedagogical process.

INTRODUCTION

The results of theoretical studies in the field of pedagogy and psychology have made important changes in the field of graphic knowledge, and stimulated the scientific search for creative initiative, activity and ways to improve the

methods of teaching general professional subjects.

On the basis of educational and methodological manuals and electronic educational resources developed as a result of the conducted research,

didactic support will be enriched to activate independent education in the training of future professional education teachers. In this way, opportunities for developing students' independent work skills (motivation, orientation, engagement and enrichment of experiences) are expanded.

While the purpose of forming independent work methodical competence in future professional education teachers is the development of components such as self-awareness, assessment and management of the student in the process of professional and personal development and preparation for work in various educational institutions, the tasks of learning the basics of general professional and specialized sciences should include the following:

- development of pedagogical and technical-technological thinking as a method of identifying and solving problems in specific pedagogical and production problem situations;
- to achieve a positive attitude towards the acquisition of pedagogical, general professional and specialized knowledge as the basis of the pedagogical and personal activity of the future vocational teacher;
- formation of reproductive and creative methods of educational-pedagogical and production activities as the basis of the individual method of future professional activity;
- development of important professional and pedagogical qualities (sympathy, love of children, etc.), creating the need for

professional and personal self-development.

The main part. Factors of self-improvement in the group of educational values of training and professional development of pedagogical personnel in scientific sources - a new approach to self-improvement, independent education, independent knowledge acquisition, ability to demonstrate personal abilities, socio-professional independence, independent education strategy, planning and self-management, self-education, professional-personal self-improvement, independent learning sources, forms, methods, methods and tools, their variety, their effective use, etc. [1].

In the course of education, teachers of professional education should determine the following tasks through independent work:

- independent education;
- to acquire the skills of independent assimilation of new knowledge;
- searching for necessary information, identifying convenient methods and tools;
- effective use of information sources and addresses;
- work with traditional educational and scientific literature, regulatory documents;
- work with electronic educational literature and data bank;
- purposeful use of the Internet;
- acquiring the ability to organize one's activities based on an innovative approach;

- focus on acquiring general and private competencies.

Taking into account the level of theoretical and practical training of teachers of professional education, the following forms can be used in the organization of independent education in the educational process: independent mastering of some subjects of science with the help of educational literature, working with educational resources; collecting materials for (graduation) qualification work; finding a solution to an existing problem in practice, preparing a test, controversial questions and tasks; preparing a scientific article, thesis and lecture; studying and analyzing the recommended literature; innovations in science teaching, pedagogical technologies and the study of advanced foreign experiences, etc. [3].

In the effective organization of independent work in teachers of professional education:

- systematic approach;
- coordination and integration of all stages;
- it is necessary to improve the organization and control mechanisms.

The independent work process of the teachers of future professional education should be based on the informational and methodical support that has been improved according to the innovative approach. As a result of the independent work of teachers of professional education, they study the regulatory documents and organize the educational process based on them, ensure the interdependence of pedagogical processes, introduce a systematic approach to increase the

quality and efficiency, improve the educational activities of students, and collect information that creates a necessary and comfortable educational environment for students. , effective results such as the development of innovative models of organizing the educational process are achieved [2].

Analysis. Thus, in order to create a system for activating students' independent work in learning general professional subjects, it is necessary to design three types of objects: pedagogical system, pedagogical processes, and pedagogical situations. All of them will be designed interdependently, taking into account the integrity and internal unity.

Designing a pedagogical system, pedagogical processes and pedagogical situations is a complex multi-level activity. This activity is carried out as a series of steps, leading to the development of future activities from a general idea to specific actions that are clearly described. There are three stages of design:

- first stage-modelling;
- second stage-design;
- third stage-construction.

The inclusion of independent work in the process of training teachers of future professional education requires careful analysis of all planned activities during lectures and practical training and establishing coherence between them, taking into account their gradual complexity. This shows the functional effect of reproductive and creative independent work [4].

This component performs an explanatory and illustrative function. In this regard, the educational task of independent work is of particular importance. The choice of knowledge, its form, the nature of its use and application depends on the flow of thought processes and thus determines the close connection of the knowledge learned by the student to the activation of cognitive activity.

CONCLUSION

The next component of the model is technological. It consists of two interrelated elements - the algorithm of independent work of students and the development of educational tools that enable the activation of independent activity of students. The activity of the teacher is characterized, first of all, by setting the goal of activating the independent work of the student. It leads to the search for various combinations of independent works that ensure the assimilation of graphic knowledge and the development of the creative potential of the future engineer, and at the same time gives attention to the student to perform and activate independent works.

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