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**MODELING OF THE EDUCATIONAL PROCESS AND DESIGN OF THE
METHOD AND TECHNOLOGIES OF INTEGRATED ADAPTIVE
EDUCATION FOR MASTER PREPARATION IN HIGHER EDUCATION
INSTITUTIONS**

Master's training of students in higher educational institutions leads to the improvement of methods and technologies of training special disciplines for formation of readiness for professional activity on the basis of complex combination and implementation of the latest achievements of the industry in the system of higher education for improving the quality of educational process.

Promising is modeling the management of the educational process and designing techniques and technologies for integrated adaptive learning in informatics in order to create software products for experimental teaching, processing of research results and competency simulators for propaedeutic adaptation in the process of master's training in higher education institutions.

Scientists define the method of projects as a technology of organization of educational situations and support of independent activity of students. This method can be implemented using a variety of learning tools, namely using the latest information technology.

The application of the design method in the process of development of teaching methods and the application of innovative technologies has advantages over other methods, namely: contributes to the formation of research skills; the formation of

skills to plan their actions, to define, formulate the problems and tasks of research, the consequences of the problem; to realize practical orientation of educational activity, project realization. Activity of students in the process of work on the project has a phase corresponding to the plan of research work.

Modern scholars generalize that the main requirements for the organization of independent work of students in the process of professional training in higher educational institutions are: regularity, compliance with the regime, regularity and consistency. Requirements for self-study and students' coursework must be consistent with the standards of good educational practice and good practices in the pharmaceutical industry.

Students' scientific work as a form of independent work (theses) should correspond to the level of development of science and technology. Independent work of students during production and other types of practice should include the necessary elements of future professional activities.

The education of the skills of the synthesis of informational content, the processing of information material and its synthesis, the compilation of dictionaries of terms, the transformation of the passive stock of knowledge into an active form of their use, help students overcome the difficulty in the process of master's training.

The role of the teacher in the organization of independent work of the student in its essence is advisory and mentoring. Regulatory regulation and organization of management of independent work of students is the basis of the competence of professional self-development.

Methods and forms for evaluating the quality of independent work in the process of studying special medical and pharmaceutical disciplines should be adequately acceptable to ensure the quality of professional training of pharmacists in higher education institutions.

Consequently, the introduction of the master's training in innovative educational technologies and techniques and information technologies should be practically integrated and facilitate the formation of students' readiness to implement the competencies of the researcher of the industry.

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Зростання популярності рослинних продуктів, які застовуються у фармацевтичній, харчовій і косметичній галузях, призвело до зростання попиту на лікарську рослинну сировину. Розширення асортимента лікарської рослинної сировини можливе за рахунок введення в медичну практику рослин народної (традиційної) медицини, насамперед видів систематично близьких до видів