

ALGORITHM DEVELOPMENT COMPUTERS AND FUNCTIONAL STUDY OF MODELS.

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Model, computer model, computer-functional model, the function, the learning process, a property complex.

The problems of developing computer algorithms and functional model learning process by modeling a specific discipline. Filed analysis and design stages functional model learning process in preparing future agronomists.

We used the approach to the development of structuring a CPM model of learning a particular discipline. Based on the analysis of algorithms and principles of CPM, the study of their effectiveness, a model of learning under a specific curriculum. CPM stages of development using learning model elements (task, assistance, training, etc.) that meet the curriculum. CPM is the main interface area (task assistance, management), the dialogue corresponds to scenario training, and interaction with student teams determined action. At various stages of CPM classes may have different purpose as certain purposes, namely: training and skills formation, consolidation of acquired knowledge and skills, the use of obtained knowledge and skills test level of acquired knowledge and skills.

After preparing the terms of reference for the development of methodological, didactic, ergonomic, technical components and building learning object model implemented scenario development dialogue CPM. Dialogue script is executed on the basis of selected educational material, standard responses, reactions system response teams and student responses.

The main part of the script is the algorithm presentation of teaching material or logical structure of the model. Development scenario includes: building a model of each block algorithms, developing a graphical model of each learning task, identifying the content and location of information on the screen for each frame, the definition of standards to resolve issues , placing text , figures and graphs of information and control frames on the screen; models drawing algorithms by combining the individual blocks. The model provides a study course and allows the current and final evaluation of student achievement. Developed CPM adapted to the level of student capabilities, namely, coordinating the supply of educational material according to the knowledge of a particular student by selecting the speed and consistency of the study subjects.