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**KNOWLEDGE MANAGEMENT IN THE PROCESS OF FORMATING COMPETENCES OF FUTURE TEACHERS OF INFORMATICS**

The article substantiates the interconnection of two innovations – a concept of knowledge management and the application of a competent approach in education. The notion of "knowledge management" is quite new in the education system. It refers to the technological process of working with information resources to provide access to knowledge, their association and the formation of new knowledge in order to increase the efficiency and capacity of the activities of educational institutions and other educational organizations.

The use of a competent approach in education requires a rethinking of the concept of "knowledge". We stopped in our study on the subject competencies that are provided by means of one subject, their content and structure clearly correspond to certain elements of educational content.

Based on the classification of knowledge it is determined that implicit knowledge is present in the formation of competence, it distinguishes one student from another. A lot of explicit knowledge can have many experts, but an implicit component of each will be its own, individual, personal. The key to understanding the mechanisms for creating and accumulating knowledge can be the DIKW information model (Data, Information, Knowledge, Wisdom), where each level includes the previous one, adding some properties to it.

The described model was later updated by a number of researchers: M. Ervick, M. Eisenberg, G. Bellinger, D. Castro, A. Mills, S. Carpenter, J. Cannady et al. And contains the following additional components: transformation, meta-knowledge, experience, theory, laconic and vision.

In its development of knowledge there are certain stages, which differ in their internal content and mechanisms of management of it and in aggregate form the life cycle of knowledge. The main stages of the life cycle of knowledge are distinguished. These stages are considered on the example of discipline "Methods of mathematical processing of data in pedagogy and psychology", which is included in the educational program of future masters of secondary education specializing in "Informatics". In the framework of the formation of subject competence, future teachers of computer science learn to manage knowledge.

The formation of subject competences will allow an individual to learn how to manage knowledge, that is, to seek information, to process and interpret information, to translate it into knowledge, to effectively use the acquired knowledge, to store and multiply them.

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