PEDAGOGY

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Analysis of the effectiveness of training course «video communication technologies in distance learning»

The purpose is to analyze the effectiveness of using synchronous and asynchronous model of interaction of the teacher and students using distance learning. The following tasks are defined: define the term "efficiency of learning"; create a mathematical model to calculate the efficiency; determine the criteria that affect the efficiency; carry out test calculations; upon receipt of the first data, if necessary, modify the original model. The methodology is the experimental study in the framework of the course «Video communication technologies in distance learning». The results, which were obtained, showed the benefits of using synchronous model of interaction of the teacher and students using distance learning using video technology. Analysis of this article will be useful in further studies research in developing the use of distance learning.

<u>Key words:</u> distance learning, synchronous learning, asynchronous learning, video lectures, e-learning, video technology, virtual learning environment, electronic lessons

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