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Fostering the Informational Competence of Students in Engineering Profils

Abstract. Nowadays, one of the urgent educational tasks includes fostering students' capability of fast perception, processing and analyzing the large amount of data by means of modern information communication technologies. The paper presents the research findings concerning the students' information competence development at Nizhegorodsky State Engineering Economic Institute, the content and structure of the above competence being defined.

The research is aimed at designing, substantiating and implementing the information competence model in the complex of informational and engineering disciplines. The given model reflects the structural components of information competence, its targets and theoretical approaches, didactic prerequisites of its formation, educational organizational forms, and formation levels. In the course of experimental research, the methods of mathematical statistics, theoretical and empirical analysis were applied. The research findings prove the effectiveness of the above model and its compliance with the requirements of the labor market for engineers training.

Keywords: information society, competence, information competence, structure of information competence.

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