

Distance Learning through Heuristic Approach

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Abstract. *The article highlights the possibility of improving distance learning through its combination of modern information and communication technology (ICT) with heuristic technologies in the university educational system. The paper is concerned with new method that contributes to the successful formation of basic professional competencies of distant students. It provides interactivity, creativity and productivity of the educational process and gives the opportunity for students to create their own, important educational products. It should be noted about available heuristic technologies for distance learning that contribute to better, meaningful development of educational material, increase students' motivation, develop their creative (methodological and cognitive) abilities, allow to increase their level of cognitive and creative autonomy, develop logical and creative skills. In accordance with modern requirements of the education the students' learning of professional development competences is oriented to the development of heuristic thinking and heuristic skills for students' successful professional and creative self-realization. It is stressed that the enrichment of traditional forms of distance education with heuristic tools requires not only the teacher's professional competence in the organization of distance learning, but also the ability to apply heuristic technologies, to organically combine them with the perfect knowledge of computer equipment, developed educational media programs, etc. The conclusion dwells upon the results of the evaluation of the student's oral report. Attention is drawn to the positive dynamic in the development of cognitive, creative, organizational skills. It has been experimentally proved that the digital and heuristic technologies, diagnosis of telepresentation contribute to the immersion of distant students in search-transforming, constructive, creative activity, allowing them to make a qualitative transition from a superficial understanding of their profession to a deeper and more creative one.*

Keywords: *distance learning; heuristic technology; information and communication technology; professional competencies; pedagogical diagnostics; evaluation criteria;*