

University of Silesia in Katowice,
Faculty of Ethnology and Sciences
of Education in Cieszyn

E-learning & Lifelong Learning

Monograph

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Eugenia Smyrnova-Trybulska

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Reviewer

Prof. dr hab. inż. Mikołaj Karpiński

Technical editing and proofreading by:

Eugenia Smyrnova-Trybulska

Andrzej Szczurek

Ryszard Kalamarz

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Ireneusz Olsza

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HIGH SCHOOL TEACHERS' INFORMATION COMPETENCIES IN THE VIRTUAL LEARNING ENVIRONMENT

Tatyana Noskova, Tatyana Pavlova, Olga Yakovleva
Herzen State Pedagogical University of Russia
info@fit-herzen.ru

Abstract: The paper describes the new competences which enable high school teachers to use and develop the virtual learning environment. They are: the skills to create the electronic resource base of the virtual learning environment; the creation and maintenance of students' educational network communication; the educational activities management; the virtual professional community management; the educational problems management.

Keywords: virtual learning environment, competences, high school

INTRODUCTION

The successful development of a university information environment depends not only on its strategic planning, but also on teachers' performance. It is important for teachers to be aware of their own role in this complex process and to have a certain level of information culture. Today a special role in the educational process is delegated to students' independent work and the individualization of their educational routes. The modern informational resources and networking technologies have a high potential to improve the efficiency of social interactions, educational and professional mobility.

In the definition of information competencies of modern high school teacher the psycho didactic approach is used (Noskova 2007). According to this approach the basic concepts of the educational environment interactions are considered as follows: *social information* in the context of the electronic educational resources development; *communications*, in the space of virtual interactions within various classes of educational tasks; flexible *educational management activities* in the network environment with the use of diverse feedback, based on intercommunications.