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Editors

Universities in the Networked Society

Cultural Diversity and Digital Competences
in Learning Communities

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Approaches to the Development of the ICT Competence Standard in the System of Research-Based Training for the Future Specialist of Social Sphere in Ukraine

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Roman O. Pavliuk, Tetiana L. Liakh 

Chapter

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Abstract

The article is devoted to the study of the peculiarities of applying the recommendations of the UNESCO project “The Structure of ICT Competence of Teachers” in the system of preparation of future specialists of the social sphere. The authors formulate the key approaches to building of the standard of ICT competence of future specialists of the social sphere on the basis of elaboration of the basic concepts and approaches to the definition of the principles of a competent approach in education. The theoretical component of the construction educational process of the future specialists of the social sphere on the basis of research-based training principles is substantiated by developing principles, methods, characteristics, key approaches, and the main types of such training. The parallels and interrelations between the training system for future specialists in the social sphere on the research-based training principles and the peculiarities of the development of ICT competencies are based on the inclusion into the professional training of the basic principles of the developed standard.

Chapter 12

Approaches to the Development of the ICT Competence Standard in the System of Research-Based Training for the Future Specialist of Social Sphere in Ukraine



Roman O. Pavliuk and Tetiana L. Liakh

12.1 Introduction

Nowadays, the final problem of the newest educational environment in Ukraine is the transition to a new system with an understanding of the transformational processes taking place in the political, economic, educational, scientific, and technical fields. This problem in the system of higher education in Ukraine arises, first of all, through a series of reforms and globalization processes, which, undoubtedly, affect the domination and thinking of the individual.

Reforms in the system of higher education (Law on Higher Education in 2014) and in the scientific and technical sector (Law on Scientific and Scientific and Technical Activities of 2015) provide ample opportunities for the training of highly skilled specialists and clearly regulate the educational and scientific policies of modern universities and research institutions. The changes announced in these laws include the training of specialists in the system of higher education and lifelong education, primarily through research techniques, i.e., research-based education/learning, and active use of IC technologies and tools in educational and professional activities. In particular, these reforms relate to the training of modern specialists in the social sphere, since their activities are directly related to work in a society with different categories of clients, constant monitoring of social transformations, research of basic needs, analysis of social challenges, changes and peculiarities of personality life in society, etc.

In addition to internal state education reforms, the world's trends in updating the educational environment are influenced by the professional training of specialists, in particular the social sphere. So, at the World Economic Forum (Switzerland, Davos, 2016), the experts presented key skills to be mastered by a successful

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