Universities in the Networked Society

Cultural Diversity and Digital Competences in Learning Communities
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Contents

1 Innovative MA Programme “E-Learning in Cultural Diversity” …… 1
   Eugenia Smyrnova-Trybulska and Nataliia Morze

2 Digital Competencies of University Teachers ........................... 19
   Nataliia Morze and Oksana Buinytska

3 Professional Training: Challenges in the Digital
   Economy Context ........................................................................ 39
   Tatiana Noskova, Tatiana Pavlova, and Olga Yakovleva

4 Formation of Computing and Coding Competences
   of Computer Science Teachers in Ukraine .............................. 49
   Nataliia Morze and Mariia Umryk

5 Networking Through Scholarly Communication:
   Case IRNet Project ..................................................................... 71
   Eugenia Smyrnova-Trybulska, Nataliia Morze,
   and Olena Kuzminska

6 Report Writing Assessment for Postgraduate Students:
   Lecturer’s Perspective ............................................................... 89
   Tomayess Issa and Theodora Issa

7 Develop and Implement MOOCs Unit:
   A Pedagogical Instruction for Academics, Case Study ................ 103
   Eugenia Smyrnova-Trybulska, Elspeth McKay, Nataliia Morze,
   Olga Yakovleva, Tomayess Issa, and Theodora Issa

8 Synchronous Virtual Classrooms in Problem-Based Learning
   to Mentor and Monitor Students in Higher Education .................. 133
   Juan Arias Masa, Rafael Martín Espada,
   Prudencia Gutiérrez-Esteban, Gemma Delicado Puerto,
   Sixto Cubo Delgado, Laura Alonso-Díaz, and Rocío Yuste Tosina
Contents

9 Multilevel Study of the Higher Education Challenges Caused by the Migration Crisis in Turkey ........................................ 155
Iryna Sekret and Darco Jansen

10 From Face-to-Face Teaching to Online Tutoring: Challenges, Solutions and Perspectives ........................................ 171
Iryna Sekret, Soner Durmus, Melih Derya Gurur, and Orhan Curaoglu

11 E-learning Competencies for University and College Staff .............. 185
Magdalena Roszak, Iwona Mokwa-Tarnowska, and Barbara Kołodziejeiczak

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 ........................................ 201
Roman O. Pavliuk and Tetiana L. Liakh

13 Modernization of Environmental Education with the Use of Project-Based Learning, Outdoor Education, and Mobile Learning Supported by Information and Communication Technology ............................................. 223
Imrich Jakab, Martina Zigová, and Zuzana Pucherová

14 Collaborative Learning as Learning Based on Cooperation with the Use of New Technologies ........................................... 249
Jolanta Szulc

15 Possible Cultural Diversity and Digital Competences: Retrospection from Mathematical Textbooks for Lower Secondary Level ............................................. 261
Ján Guncaga, Matthias Brandl, and Péter Körtesi

16 Reinforcement of Logical and Mathematical Competences Using a Didactic Aid Based on the Theory of Constructivism .......... 283
Tomasz Kopczyński and Anna Gałuszka

Author Index ................................................................................................. 295

Subject Index ............................................................................................... 299
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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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