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INFORMATION AND COMMUNICATION SUPPORT OF MASSIVE ONLINE COURSES FOR THE DEVELOPMENT OF TEACHERS' INFORMATION AND COMMUNICATION COMPETENCY

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Informatization society is a process that encompasses all spheres of life. This significantly affects the tightening of requirements for the development of individual' information and communication competency, including teachers of general education institutions, which aims are to educate young people, able to quickly accept technological progress and adapt its achievements and innovations to the its training, self-learning and future careers.

Object of research: Lifelong learning.

Subject of research: creation of a information and communication support of massive online courses for the development of teachers' information and communication competency.

The study found that the world's educational systems become the relevance Massive open online courses. These courses are characterized by mass production and distribution of knowledge that takes place in the context of open online education by using information and communication technologies (ICT). For the implementation and effectiveness of these courses is necessary to create a special digital learning environment. This learning environment is the result of a combination of network tools such as software, platform and other ICT users and their use by users with competences acquired through continuous use of these services in their daily and professional activities [2].

The main ICT used for creating digital learning environment of the development of teachers' information and communication competency are such as: for data storage on the Internet (Google Drive, Dropbox, OneDrive, iCloud et al.), an online platform for learning (Moodle, Lo-Net2 et al.), tools for online conferences (Skype, TeamViewer, Hangouts, AnyMeeting et al.), services for collaboration with documents in different formats (Google, OneNote, Web application Microsoft Office, OneDrive et al.), mobile apps (Google, maps, interpreters, calendars, E-Mail, WhatsApp, Viber, QR Code Reader and Creator, Wattpad et al.), additional tools (Padlet, Sway, Popplet, Kahoot, coggle.it, Trello, Prezi, TeamUp, MindMister, Youtube, Delicious and others.) [1].

The main conclusions and recommendations:

1. Massive open online courses are a significant solution for of the individual lifelong learning. Infrastructure such courses should provide maximum flexibility for the main activities of their members, in particular, practice, research, study.
2. The problem of designing Massive open online courses can be solved through the creation of such digital learning environment that will form a combination of network tools such as software, platform and other ICT users and their use with competencies acquired through continuous use of these services in daily and professional activities.

Keywords: Massive open online courses, digital learning environment, information and communication support, development of teachers' information and communication competency.

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