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Digital Skills for health Professional

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The skills of professionals in the health sector are essential to improve the quality of health services and also achieve universal health coverage. It is necessary more than ever before to formulate novel strategies focused on efficient and high-quality health professions education. Increasingly, digital technologies with their pervasive utilization and constant improvement constitute a quite important source of effective and efficient health professions education and training systems. The DIGI4ME project has as main aim to address the gap in skills of the health sector workforce and provide an innovative training framework along with a certification scheme too. The project will address EQF levels up to 4. It will formulate a wide spectrum of courses for enhancing the skills of health professionals. Novel curricula addressing state of the art methods and contents in health sector will be formulated. In the context of the project, there will be formulated more than 40 modules.

Novel curricula that address important and state of the art contents and methods in the health sector are being created. All the educational content and the materials of the courses will be available as open educational resources in the MOOC web educational system. The educational system is a MOOC platform that is being created and in it, interested users could assess and enroll to the courses. The courses and the educational material are defined by determining the digital skills that health professionals must possess. Also, the courses are being formulated based on the verification of the specific educational needs of doctors, operators and professionals of digital technology. Finally, a certification scheme is being formulated and will certify the acquired skills of the participating users.

Index Terms—Digital Skills, Healthcare, MOOCs, Vocational Open Online Courses (VOOCs) Courses on Digital Skills



Fig. 1. Framework Digital Skills

Recent Publications:

1. P. Blumberg. Developing Learner-Centered Teaching: A Practical Guide for Faculty. John Wiley & Sons, 2008.
2. G. Fornes-Romero, A. Doñate-Martinez, J. Garces-Ferrer, T. U. Fredskild, H. Hansen, V. Traver-Salcedo, M. Martinez-Piqueras, A. Gil-Granados, and S. Gimenez-Campos. Digital and innovation skills in health care professionals in Europe. European Journal of Public Health, 30(Supplement 5):ckaa166–027, 2020.
3. I. Hege, D. Tols, S. Kuhn, and T. Shiozawa. Digital skills in healthcare. GMS Journal for Medical Education, 37(6), 2020

Biography

Foteini Grivokostopoulou is an Adjunct Professor at the Hellenic Open University. She received Ph.D. on Computer Science from the Department of Computer Engineering and Informatics, University of Patras. Her research interests are in the field of Artificial Intelligence, Expert System in Medicine, Machine Learning, Intelligent Tutoring Systems, Integration of ICT & Semantic Web Technologies in e-Learning, and Educational Data Mining.

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