Erasmus+ / Key Action 2 - Cooperation for innovation and the exchange of good practices, Alliances

"Database Management - Big Data" course developed by UPB for health professionals

The Polytechnic University of Bucharest (UPB) presented during the fourth working meeting (September 8-9, 2022, Greece) within the framework of the DIGI4ME project project - Health sector skill alliance for creating innovative and efficient VET programmes and improving the digital Skills of medical physics and health professionals the new ideas regarding the curricula for the "Database Management - Big Data" course to be developed for the health personnel who will participate in the IT training courses.

The first testing of the prepared courses will take place at the Congress of Doctors in Bucharest from November 11-13, 2022.

The course will include information on database management - Big data and will provide information on:

- What is PostgreSQL
- Installation server PostgreSQL
- Create a database
- Create users and roles
- Data types
- Constraints/Checks
- Table Creation
- Classical and Persistent views

UPB supports the development of digital skills of healthcare specialists by designing a "Big data" course and developing a unique high-quality training framework at the European level.

The course is part of a series of activities within the DIGI4ME project - Health sector skill alliance for creating innovative and efficient VET programmes and improving the digital Skills of medical physics and health professionals (621673-EPP-1-2020- 1-EL-EPPKA2-SSA), funded by the European Commission.

DIGI4ME

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Health sector skill alliance for creating innovative and efficient VET programmes and improving the digital Skills of medical physics and health professionals DIGI4ME, Agreement Number 621673-EEP-1-2020-1-EL-EPPKA2-SSA

The DIGI4ME project has as main aim to address the gap in skills of the health sector workforce and provide an innovative training framework among 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.

All the educational material and the courses will be available for free as OER in the web VOOC system that will be created and interested users could assess them and enrol in the courses. The certification scheme will be formulated by UNICERT, an expert in accreditation and certification procedures in VET. The will certify acquire skills of the participating users.

The project brings together specialists from Romania, Greece, Cyprus, Germany and the Netherlands:

- University of Patras, (UPAT), Greece
- Computer Technology Institute & Press Diophantus, (CTI), Greece
- Hochschule 21, Germany
- International Network for Health Workforce Education, (INHWE), Cyprus
- University of Cyprus, (UCY), Cyprus
- Unicert, Greece
- Politehnica University of Bucharest, (UPB), Romania
- Fundatia Pro laser, Romania
- Cyprus Association of Medical Physics & Bio-Medical Engineering (CAMPBE), Cyprus