

development and implementation, their transparency and the ability to achieve higher results are very attractive.

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IMPLEMENTATION OF STEM EDUCATION ELEMENTS IN TRAINING OF FUTURE STATISTICIANS IN THE CONDITIONS OF INFORMATIONAL AND EDUCATIONAL ENVIRONMENT

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Future statisticians acquire both technical and engineering skills and it is very important to provide modern teaching methods, a set of tools for their implementation is presented in the context of information and educational environment. Therefore, in the training of such professionals, it is important to develop an engineering mindset that can be ensured by the introduction of STEM technologies in an information and educational environment. Such kind of environment combines a wide variety of educational software and networking technologies, including e-mail, forums, sharing software, chats, video conferencing, audio and video recording, and a wide range of web-based learning tools [1].

STEM education involves sequential course or program of training that prepares job seekers for successful employment, requiring different and more technically sophisticated skills, including applying mathematical knowledge and scientific concepts [2]. The STEM acronym is used to refer to a popular line in education that encompasses science, technology, and mathematics. This is an area of education in which the curriculum enhances the natural sciences component and

innovative technologies. The rapid evolution of technology leads to the soon to be the most popular and promising on the planet programmers, IT-specialists, statisticians, high-tech professionals. STEM develops capabilities for research, analytical work, experimentation and experimentation critical thinking [3].

The aim of higher education is to acquire a high level of scientific and / or creative artistic, professional and general competences required for pursuing a profession or field of expertise [4]. For example, in the context of the introduction of STEM elements of education in the preparation of future statisticians in the conditions of information and educational environment, it is necessary to execute a project to create a structural improvement of the computer graphics.

Future statisticians discusses project implementation results using STEM elements of education in an information and educational environment, presenting a presentation of their project and discuss the results during the online conference.

To implement the elements of STEM education in the conditions of information and educational environment it is appropriate to use the following scheme.

1. The choice of technological process. Drawings of the technological scheme.
2. Proposal for constructive implementation of a computer graphics that performs a certain stage of the technological process.
3. Calculation of the advanced element.
4. Drawings of an advanced element.
5. Creating a presentation and discuss the results during the online conference.

To use STEM education elements, it is necessary to formulate tasks in such a way that they contain the calculated, design, scientific components. A combination of an informational and educational and STEM environment provides the development of technical and informational competencies for future statisticians.

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