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Methodology and technology of e-learning at Dubna University

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The article is devoted to the basic approaches to the organization of e-learning at the Dubna University. The priority project "Modern Digital Educational Environment in the Russian Federation" is intended to create conditions for systematic quality improvement and expansion of continuing education opportunities for all categories of citizens through the development of the Russian digital educational space. To achieve this goal, it is necessary to introduce e-learning technologies, online learning, mass open online courses. In this regard, the modernization of vocational education is required, including through the introduction of adaptive, practice-oriented and flexible educational programs of study.

For more than 15 years, the university has been engaged in continuous training of students in a number of areas in the field of information technology and programming based on the use of distance learning technologies. To increase students' motivation to study, Dubna University harmoniously combines modern educational technologies based on the inclusion in the educational process of open educational resources, e-learning, distance learning technologies, webinars, etc., as well as learning elements that enable one to gain practical skills: workshops, internships, project training hikes, etc.

Leading experts in the field of information technology, programming, information security, big data analyst, quantum computing, etc. take part in preparing students.

Key words: E-learning, educational resources, project-based learning approaches

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