УДК 372.881.1

SOME ASPECTS OF ADAPTIVE LEARNING SYSTEMS IN MODERN EDUCATUON CONDITIONS

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Abstract. This article is devoted to adaptive system learning in modern education conditions, adaptive learning system in eLearning environment is considered in greater detail. It is viewed as a necessary part of modern educational process because it helps avoid a lot of problems. The definition of the term 'adaptive learning' is represented. Also some recommendations to avoid mistakes are given.
Key words: modern education, adaptive learning system, eLearning environment, advantages and disadvantages.

НЕКОТОРЫЕ АСПЕКТЫ АДАПТИВНОГО ОБУЧЕНИЯ В СОВРЕМЕННЫХ УСЛОВИЯХ ОБРАЗОВАНИЯ

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Аннотация. Данная статья посвящена адаптивному обучению в современных условиях образования, более подробно рассмотрено адаптивное обучение в электронной среде. Данный вид обучения рассмотрен как необходимая часть современного образовательного процесса, рассмотрено определение термина «адаптивное обучение», даны рекомендации как избежать ошибок.
Ключевые слова: современное образование, адаптивное обучение, электронная среда, преимущества и недостатки.

The world is changing, the requirements for everyday life and professional activity are changing, and education is also changing: new teaching methods are emerging. This article is about adaptive learning – a type of learning in which the teacher adapts to the individual characteristics and needs of the student, looking for the most optimal ways to present the material. In this case, it is important to be able to create a free learning environment in the classroom, in many respects it depends on the teacher [1, c. 203, 2, c. 248, 3, c. 405, 4, c. 63, 5, c. 15, 6, c. 272, 7, c. 87, 8, c. 276, 9, c. 73, 10, c. 110].

When it is necessary to resort to adaptive learning. First, when students have to learn different topics in the same field. And then it is necessary to build a lesson so that everyone spends more time on the topic where he or she does not have the proper knowledge. Secondly, when students study one subject, but they need to get some knowledge in different areas, for example, as in the case of learning a foreign language. Students of different specialties can study in the same group. Very often, such groups are created to study German at the university. Fewer students study this language at the uniercity. The teacher can build the course so that the general topics: my family, sights, travel, Berlin, food were studied together, and topics related to professional activity were studied individually.

Of course, it is more problematic to do this in an offline format, because it is necessary to skip from one student to another, from one topic to another, which can create a certain chaos in the classroom, so the

ongoing digitalization of education contributes to the development of adaptive learning, which allows you to streamline this process.

It is worth noting that the digitalization of education today is an integral part of modern society. The current lockdown conditions have become a real challenge for the education system and accelerated the transition to distance learning.

Before the lockdown, teachers, of course, used multimedia tools, alternating them with more traditional teaching methods. Distance learning still raises many questions, since a student should be disciplined and be extremely motivated to perform exercises during these periods. It is really easy to miss the classes or not to do homework when there is no direct control. The teacher, of course, is visible, but is on the other side of the screen, and, taking into account the Internet outages, it is easy to break the training schedule.

In order to minimize the disadvantages of online learning, it is necessary to competently build an electronic training course, introducing the latest developments in the field of information and communication technologies.

It should be noted that the organization of training in an electronic environment is a rather complex methodological task. There are many platforms for creating an online course, but it is difficult to find one that would meet all the requirements, so you often have to combine different platforms, or combine online and offline training. One of the main requirements remains the possibility of interaction between students and teachers, as well as a system for monitoring the acquired knowledge.

An online course or an electronic course within adaptive learning is a course where a student can choose how to allocate their time and effort. Mass open online courses are an example of this kind of courses, although they are largely under discussion. The online course usually consists of a theoretical part, represented by lectures, exercises aimed at training the skills and final control, presented in the form of testing and/or individual tasks. The course should involve different ways of completing, but in the end, all students receive the required qualifications by taking the end-off-course test.

Summing up it all, I would like to note that adaptive learning in an electronic environment is already the here and now. Of course, the creation of such courses raises many methodological and technical questions. How to distribute the material, what is considered the final control, how to rate knowledge, how high is the level of training of teachers for working online, who should rate the level of electronic courses. One thing remains obvious, online courses have become to stay in our life, and can be used not only for students, but also for professional development and professional retraining of specialists in various fields of knowledge.

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