LEARNING STUDIES AND DIFFERENT TECHNOLOGY

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ANNOTATION

The association for educational communications and technology (AECT) defined educational technology as "the study and ethical practice of facilitating learning and increasing productivity through the creation, use and management of relevant technological processes and resources.

"He cited educational technology as "the theory and practice of designing, developing, using, managing and evaluating processes and resources for learning." Thus, educational technology belongs to all real and reliable applied educational disciplines, for example, equipment, as well as processes and procedures obtained as a result of scientific research, which in a certain context can refer to theoretical, algorithmic or heuristic processes: necessarily referring to physical technology. Educational technology is the process of integrating technology into education in a positive way, which provides a more diverse educational environment and a way for students to learn about the use of technology, as well as their general assignments.

Accordingly, there are several separate aspects of describing the intellectual and technical development of educational technology:

Educational technology as the theory and practice of educational approaches to learning.

Educational technology as technological tools and media, such as mass online courses that help transfer, develop and share knowledge. Educational technology is an inclusive term for material means, processes and the theoretical basis for the support of education and teaching.

Educational technology is not limited to high technology, but anything that improves learning in the classroom when using mixed, face-to-face or online learning.

An educational technologist is a person trained in the field of educational technology. Educational technologists try to analyze, design, develop, implement and evaluate processes and tools to improve learning. Although the term educational technologist is mainly used in the United States, the learning technologist is synonymous and is used in the United Kingdom as well as in Canada.

Modern e-learning technology is an important part of society today. Educational technology includes electronic Education, Educational Technology, Information and communication technologies in education (ICT), edtech, educational technology, multimedia education, technology advanced education (TEL), computer-based education (CBI), computer-controlled training, computer. based learning (CBT), computer-aided learning or computer-aided learning (CAI), internet-based learning (IBT), flexible learning, web-based training (WBT), online education, digital education collaboration, Distributed Learning, Computer-Mediated Communication, cyber-education and multimodal education, virtual education, personal learning environments, network-connected learning, virtual learning environments (VLE) (they are also called Learning Platforms), m-learning, ubiquitous learning and digital learning .

Each of these many terms has defenders that indicate its own characteristics. However, many terms and concepts in educational technology have been described in an ambiguous way; for example, Fidler's review of literature determined the complete lack of components of the personal educational environment.

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In addition, Moore saw these terms not fundamentally similar in concept or principle, but emphasizing specific features such as digitization approaches, components, or delivery methods. For example, m-learning emphasizes mobility, which allows you to change the learning time, location, accessibility and context; nevertheless, its purpose and conceptual principles are educational technology.

In practice, as technology developed, a separate "narrowly defined" terminological aspect, originally highlighted by the name, joined the general field of educational technology. Initially," virtual learning", as a narrow definition in the semantic sense, implies an introduction to environmental simulation in the virtual world, for example, in the treatment of post-traumatic stress disorder (PTSD). In practice, the" virtual education course» refers to any training course, all or at least a significant part of which is offered via the Internet. "Virtual "is used in a broader sense to describe a course taught face-to-face in the classroom, but conceptually through a substitute regime that can be" almost " linked to classroom teaching, that is, people do not have to do it go to a physical class to learn. Accordingly, virtual education refers to a form of distance learning in which the content of the course is delivered in different ways, such as course management applications, multimedia resources and videoconferencing. Virtual learning and simulated learning options such as games or partitioning allow students to connect class content to real situations.

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