



Международно Висше Бизнес Училище
International Business School

ЦИФРОВАТА ТРАНСФОРМАЦИЯ – БИЗНЕС, ОБРАЗОВАНИЕ, НАУКА

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DIGITAL TRANSFORMATION EXPERIENCE AT THE UNIVERSITY OF TECHNOLOGY

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Abstract: *Many people think that digital transformation is just the introduction of new technologies in an existing organization. In fact it is a revolutionary transformation of the organization model. Digital transformation is also taking place in education. Now almost every university has interactive whiteboards, students have electronic diaries, and lectures actively use social networks to stay in touch with students. The digital transformation of education is not limited by replacing a notebook with a computer. Technologies allow the use of methods that cannot be implemented in conventional contact training. This report we will talk about the experience of applying digital transformation in teaching students of technical specialties at the University of Technology.*

Keywords: *digital transformation, education*

Digital transformation occurs in education, despite its inertness. After analyzing more than 800 occupations, McKinsey & Company reported that “the technical feasibility of automation is the lowest in education”

Nevertheless, now almost all universities have interactive whiteboards, students have electronic portals, and teachers actively use social networks to stay in touch with students and advise on homework. The digital transformation of education is not limited in changing a notebook by a computer. Technologies allow to use the methods that cannot be implemented in conventional contact training.

A number of methods are implemented at the University of Technology and the available tools are used to implement digital transformation:

1. transformation of the study room;
2. development and application of online courses;
3. personalization of training;
4. use of interactivity in the learning process
5. use of elements of native learning.

The university audience with its usual position of subjects in recent years has really changed. The rooms in which people study have become informal and more flexible, capable of adapting to the needs of students. Today, the classroom has simply ceased to be a room, and in many cases it has become a set of screens and digital services.

At the University of Technology, more than 70% of the classroom fund is equipped with interactive and multimedia tools (Fig. 1-3). The computer resource of the Technological University includes 897 computers, of which 604 are directly used in the educational process. There are 10 students per 1 educational computer. 34 computer classes are used in the educational process: 30 general-purpose classes, 1 mobile computer class equipped with laptops, 1 language laboratory class, as well as 1 electronic reading room.