Chapter 38

Problems of Control by the Technique Creation of Quality Estimation of Electronic of Training in Realization Conditions of Competition Approach

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ABSTRACT

In this chapter the main contradictions and discrepancies which are available in pedagogical system are considered. Introduction of electronic tutorials and estimation doesn’t lead to their disappearance, and causes new aspects at the new level. In difficult systems other, nonlinear regularities therefore efficiency of educational process doesn’t increase linearly, in proportion to the used new information technologies work, it is necessary to consider that the assessment plays not only function of correlation (comparison of knowledge and abilities of the pupil his valuable orientations and they got experience of activity with some standards, levels), but also means of motivation. The assessment has to stimulate the pupil to further educational activity, increase his activity. Therefore we consider aspiration to a total objectivity of an assessment, finding of general algorithm for its definition not only senseless, but also harmful.

INTRODUCTION

Many types of professional activity in the conditions of expansions of influence of computers and Internet can be carried out remotely without the need for physical presence in a place of implementation of this activity. For example, the serviceman can carry out remotely adjustment of the robotized production line, the controller to check quality of the made production, the seller to sell goods, etc. Thus the expert

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is exempted from the temporary and material expenditure connected with need of physical movement from the place of residence to a work place, so there is quite enough its virtual presence (sometimes even not necessarily online). Such kinds of activity and even professions becomes more and more. These opportunities open huge prospects for creation of mobile, flexible labor market, increase of labor productivity and will inevitably render high-quality changes in all globalized modern society so deep and comprehensive that it is difficult to expect their consequences.

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It is quite natural that that education which cornerstone information, communication processes are, in this direction develop much quicker. Not incidentally there was a term “electronic training”, it is quite possible that it enough will become soon a synonym to the word “training” as another won’t be. Thus, of course, there are new opportunities which allow solving the existing problems of an education system, but, generally they have technical character. The social problems having system basic character don’t disappear, and in certain cases become sharper. Fully it belongs and to system of estimation and control.

Technical, apparently, question “How to estimate?”, rather easily solved in system of electronic training, at deeper studying it is not solved without initial answers to questions “What to estimate?” and “For what to estimate?”. And these questions belong to invariant concerning what training – electronic or traditional is. All contradictions and discrepancies which are available in pedagogical system at introduction of electronic means of estimation don’t disappear, and are dialectically shown already at the new level. In difficult systems other, nonlinear regularities therefore efficiency of educational process doesn’t increase linearly, in proportion to the used new information technologies work. Sometimes there are such situations at which the factors which were earlier the minor start influencing success of educational activity of establishments in a decisive way. Thus efficiency even will sometimes fall. For example, if for the computer software testing to physics occupying not all lesson, and only its part it is necessary to move from an office of physics to a computer class, and then also back, thus the paper option which isn’t demanding such movements to lesson time is more preferable.

BACKGROUND

We will consider the main contradictions of development of pedagogical system, possibility of means of an electronic assessment and control on their permission and the problems arising thus.

The main contradictions of development of pedagogical system are considered by G. A. Bordovsky allocating three groups of contradictions: contradictions of resources, contradictions of discrepancy and contradiction of consciousness (Bordovsky, 2001).

Contradictions of discrepancy arise at interaction of an education system with social institutes: the impossibility of satisfaction of educational requirements of society is shown by traditional methods and forms of education. As labor market changes very quickly, one profession isn’t a guarantee of employment of the person for the rest of life any more. It is necessary to study all life, and this study has to go in parallel with the primary labor professional activity. In this case electronic training becomes uncontested option. For this reason, despite all above and underwritten problems of its practical realization, it will be and has to develop – requirements of time and society are that. It is possible to tell that contradictions of discrepancy are a driving force of changes towards training. Contradictions of resources are shown in the course of financial and economic, right, education staffing: the changes in an education system