

Monitoring technology: The qualimetric foundations of the educational process of the university

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Abstract

© 2016 Krokhina et al. The relevance of the research problem is determined by the current discrepancy between the requirements of society to quality of students' training- future specialists with higher education, on the one hand, and level of training received by graduates on the other hand. The tendency of the discrepancies noted is a consequence of the properties of the inertia of the educational process that gives it stability, but also hindering rapid response to the recent changes in the sphere of science, production, culture, industry and other spheres of life. The current controversy requires scientific correction and rethinking of the methodology of quality evaluation of the educational process. In this regard, priority attention in this article is devoted to justification of qualimetric grounds for the projecting and implementation of monitoring technologies in the educational process of the University. A leading research method is a simulation method allowing justification of monitoring technologies as qualimetric bases of educational process of the University and rethinking their valuable content in the students' training. The article presents the discourse of the concept "monitoring technology"; it reveals the essence, structure and content of qualimetric grounds of the monitoring technologies in the educational process of the University; on the basis of the study's results conducted the elective interdisciplinary course "Qualimetric grounds of monitoring technologies" is justified. Productivity of its implementation is proven using the criteria: formation of knowledge of the content of studied course, of the experience in using the acquired knowledge in standard and non-standard situations in the educational process; the integrity of knowledge about the qualimetric basis of the monitoring technologies in the students' training; the students' readiness to be engaged professionally in any activity; formation of competences of the culture of mental labor in accordance with the personal position of the student in self-organization and self-transformation; the personal creativity of the student - future specialist, relevant to qualimetric objectives of the monitoring technology. The paper can be useful to teachers, methodologists, managers of the universities.

Keywords

Educational process, Monitoring, Monitoring technologies, Performance criteria, Qualimetric approach