
Implementation of self-controlled students' work at higher technical school

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The article specifies goals and objectives of students' classroom controlled self-studying (CSS) as one of the innovative forms of educational process aimed at developing students' competencies. The methodological basis for the organization of CSS in teaching natural sciences in the technical university is examined. A set of principles that define the requirements for the selection of content, and methods of CSS conducting is proposed and substantiated. It is shown that the application of interactive methods in CSS promotes the development of future specialists' competencies. The results of the analysis of CSS application in chemistry classes at BMSTU are presented.

Keywords: *controlled self-study, classroom work, technical university, competences, natural science disciplines, principles of CSS, interactive methods.*

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