

## PEDAGOGY

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### **Mathematics extracurricular activity as a means of professional training and mental activity activation of technical university students**

It is shown that it is important to organize the learning process in modern conditions so that its result is expressed in the formation and development of student professional and universal competences. The issues of training specialists require the improvement of the forms and methods of student mastering scientific knowledge in their fundamental and applied values. It is necessary to organize a learning process that promotes the formation of a student mathematical culture, activates learning and cognitive activity. The article presents some forms of extracurricular activity organization of students, demonstrates their practical implementation.

Key words: mathematics, learning process, extracurricular activity of students, forms of extracurricular activity organizing, professional development, personal development, vocational education.

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