

# Functional and Logical Aspects of the Study of Musical Creative Work: Media Education and Music Computer Technologies

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**Abstract:** *The functional and logical aspects of the study of musical creative work continue today in a wide variety of fields of activity of modern specialists working in the field of creation and application of music computer technologies. Music computer technologies, in turn, cover a wide range of areas today, including illustrating the direct communication of knowledge in the research of music and computer science, who use in their work experts in the field of musical informatics, computer music creative work, digital arts, mediamusic, computer music, music and sound programming. As practice shows, it is the use, development and a wide range of functionality and, accordingly, the demand for software products and hardware-software complexes of music and computer use, their use in the musicological studies of musical science, and in the musical creative process and the system contemporary education, constitute an effective basis for the development of computer science itself. In turn, many of these areas define the most important areas of the modern media education space. Media education — introduced relatively recently, the term refers to the study of the impact of mass media and other communication both in the framework of training workers in this field, and in relation to what everyone needs to know in order to master information and communication technologies, which is expressed by the term "media literacy" or "media competence", including as a developed ability to master the so-called media texts, presupposing an understanding of the humanitarian, anthropological, social, the cultural and media technological context of the functioning of the means of communication and the ways they represent reality. This article is devoted to the discussion of these issues*

**Keywords:** *Computer Science, Information Technologies In Music, Media Education, Media Technology, Music Computer Technologies, Musical Creative Work, Musical Programming*

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