

METHODOLOGY OF FORMATION OF PROFESSIONAL COMPETENCES OF STUDENTS ON THE BASIS OF PROGRAMMING LANGUAGES

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ABSTRACT

This article shows the formation of professional competencies by teaching undergraduate students in the field of "Professional education in the field of information and communication technologies" to develop pedagogical software products based on programming languages (C ++, Delphi). Methods of application of educational methods in teaching mathematics and natural sciences using programming languages are given. It is based on the importance of interdisciplinary continuity and continuity in the formation of professional competencies of students, such as design, engineering and research.

Keywords: Professional competencies, vocational education, Borland C ++, Delphi7, Simpson method, straight rectangular method.