

Self-Efficacy Perceptions of Pre-Service Art and Music Teachers towards the Use of Information and Communication Technologies

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Abstract : Information and communication technologies have become an important part of our daily lives with significant investments in technology in the 21st century. Individuals are more willing to design and implement computer-related activities, and they are the main component of computer self-efficacy and self-efficacy related to the fact that the increase in information technology, with operations in parallel with these activities more successful. The Self-efficacy level is a significant factor which determines how individuals act in events, situations and difficult processes. It is observed that individuals with higher self-efficacy perception of computers who encounter problems related to computer use overcome them more easily. Therefore, this study aimed to examine self-efficacy perceptions of pre-service art and music teachers towards the use of information and communication technologies in terms of different variables. Research group consists of 60 pre-service teachers who are studying at Necmettin Erbakan University Ahmet Keleşoğlu Faculty of Education Art and Music department. As data collection tool of the study; "personal information form" developed by the researcher and used to collect demographic data and "the perception scale related to self-efficacy of informational technology" are used. The scale is 5-point Likert-type scale. It consists of 27 items. The Kaiser-Meyer-Olkin (KMO) sample compliance value is found 0.959. The Cronbach alpha reliability coefficient of the scale is found to be 0.97. computer-based statistical software package (SPSS 21.0) is used in order to analyze the data collected by data collection tools; descriptive statistics, t-test, analysis of variance are used as statistical techniques.

Keywords : self-efficacy perceptions, teacher candidate, information and communication technologies, art teacher

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