

Influence of Project-based Learning Model in Knowledge Management of Educational Psychology Students

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ABSTRACT Knowledge management is presented as a model to achieve that college graduates apply their knowledge to solve complex problems in an effective way. It is defined by three basic dimensions, that is, structural, relational and cognitive. Project-based Learning methodology could promote positive effects in knowledge management. The aims of this study were to analyze the psychometric properties of the *Evaluation of Competences to Management Knowledge Questionnaire* and evaluate the effect of Project-based Learning on knowledge management. There were two studies performed. In study 1 448 students participated (76.8% female) between 18 and 47 years old ($M = 21.93$; $SD = 7.97$). In study 2 there were 215 students. The EFA and CFA analyses pointed out the adequacy of three dimensions' model. Results showed a significant and positive effect of Project-based Learning. This study underscores the need to move students towards higher-order psychological tasks in which shared decision-making and self-regulation are included.