

# NOI STRATEGII DE CREȘTERE A CALITĂȚII ÎN ÎNVĂȚĂMÂNTUL TEHNIC UNIVERSITAR

## NEW STRATEGIES TO IMPROVE THE ENGINEERING LEARNING PROCESS

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**Abstract:** The application of ICT is a key education process element in order to achieve high and performing skills. The knowledge achievement has generally three stages: acquisition, retention and extension. The first one relates to the strategies used to gain new skills, the second refers to the ones used to fix them and the extension is about encouraging students to apply the new skills. The professor has the responsibility of the skills selection, used at each of the previous stages which highlight the importance of picking the ideal knowledge for acquisition, retention and extension. Therefore, the education strategy needs to consider the most effective mix of communications between the professor and the students. The techniques can be characterized as a mixture between traditional education and e-learning. At this moment the education process needs a mix of classic and new, of formal, informal and non formal education's methods.

**Keywords:** new strategies, engineering learning process, non formal methods