

**Abstract/Proposal Title:**

Technology Acceptance as a critical success factor for a Training the Trainers Course via WEB

**Abstract/Proposal description:**

It is argued that the rapid evolution of Information and Communications Technology (ICT) and specifically of multimedia and Internet, has given the motive to introduce them to the education system. The online delivery of education starts in 1990s with the parallel explosion of the Internet usage. According to E. Masie (2001) "The real truth about e-learning's future," in a few years "there will not be a division between e-learning and traditional learning, as learning will naturally evolve to utilise technological progress to improve learning efficiency".

As Zhang (Zhang et al, 2004) claims the today's economy, the knowledge-based economy has an ever-increase demand for new ways of delivery education. This issue has led to very dynamic changes in learning activities. The new K-economy requires people and especially working staff to acquire knowledge and skills in a timely manner and to make decisions under various circumstances. So the issues of lifelong learning and continuous training are a major issue. The delivery of instruction and teaching materials electronically to remote students via internet is what we call e-learning.

After four decades of e-learning initiatives, the crucial point for today's Web-based learning implementation is to pass to a sustainable phase. As many authors notice, the sustainable implementation of Web-based learning especially from Universities is a current hot item (Krupaa, Mandl & Jense, 2002). There are lots of factors that need to be considered while implementing an e-learning solution. There is a need to identify the factors that support and boost sustainability of e-learning. One of the most critical factors is the acceptance of the solution from the participants. Performing a literature review, we found a noticeable number of researches in this area.

This paper makes an exploratory study in the area of Web-based learning and the models that exams the technology acceptance of this solution, especially by learners. It describes various models that seek to explain learner's behavioral and actual intention to use a technology system. The research draws on the applicability of Technology Acceptance Model (TAM) among a training the trainers course in Hellenic Navy.

The study on technology acceptance models is useful for both academic and practitioners of e-learning, especially under the sustainability issues

**Implications for Practice:**

The research draws on the applicability of Technology Acceptance Model (TAM) among a training the trainers course in Hellenic Navy. The study on technology acceptance models is useful for both academic and practitioners of e-learning, especially under the sustainability issues.

**Significant Outcomes/Insights:**

This paper makes an exploratory study in the area of Web-based learning and the models that exams the technology acceptance of this solution, especially by learners. It describes various models that seek to explain learner's behavioural and actual intention to use a technology system.

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