

## **Factors that contribute towards learning effectiveness in e-learning courses**

### **Abstract**

In this paper, the factors that contribute towards learning effectiveness in e-learning courses are explored. A review of previous studies is done to determine those factors that are most applicable to a tertiary teaching environment and to propose a model to assess effectiveness in online courses. The Virtual Learning Environment (VLE) is defined to establish the boundaries for measurement. Constructivism is explored as most appropriate teaching approach in the tertiary online courses. This provides the input for a demonstration of an online course measurement and feedback tool using Moodle. A current student group is used to demonstrate the tool's use and recommendations are made from the findings. Areas for improvement are discussed and recommendations are made for future studies.

Lt Col Andre Pretorius  
South African Military Academy