

### **Attitude about Learning with SMS by Martínez-Torres**

Martínez-Torres, M. D. R., Toral, S. L., Barrero, F., & Gallardo, S. (2007). Improving learning performance in laboratory instruction by means of SMS messaging. *Innovations in Education and Teaching International*, 44(4), 409-422.

12 Items

12 Dimensions

Lab sessions should allow learning feedback, identification of mistakes and subsequent actions

Students can pace and control the learning processes during the lab sessions

Learning progress assessment is performed during the course

Lab sessions should encourage questions of students

Lab sessions should be based on real examples to solve real problems

Lab sessions must promote students initiative, avoiding restricted schemes

The content of the lab sessions must be related to the theoretical content of the course

The format and tools supplied are adequate for the proper realization of the practical work

User control is promoted during the lab sessions: students can use freely all the instrumentation equipments and devices

The practical work can be easily performed with a difficulty level adapted to the current knowledge of students

Capacity of motivation of the lab sessions: the practical work arouses interesting questions and students feel they have learned new knowledge, fulfilling their expectations

Degree of interactivity: lab sessions allow a bidirectional communication with the unit under study

Cronbachs  $\alpha$ : na

Response Scale not defined