



"CLEANER PRODUCTION INITIATIVES AND CHALLENGES FOR A SUSTAINABLE WORLD"

Undergraduate Student Understanding of Green Chemistry Concepts

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Abstract

The teaching module introduction to Green and sustainable chemistry was given for the first time at the Universidade Federal do ABC during the 3rd academic term of 2009. With the aim of mapping the students understanding of the subject before and after the learning process, a questionnaire with 8 questions was applied. The questionnaires were distributed to the students of two classes (daytime and nighttime). It was observed that the module was efficient in the sense that the students were able to increase (or initiate) their knowledge of the area. It was also verified that there was a need to increase awareness of Green and Sustainable chemistry in academic circles and to educate professionals in the private sector in the area.

Keywords: Green Chemistry; Sustainable Chemistry; Life Cicle Analysis; Industrial Ecology.