

USE OF THE TIC'S IN THE COURSE OF INDUCTION OF THE FCQEI OF THE UAEMOR MATH

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ABSTRACT

The experience of incorporating the TIC's in the course of induction and zero semester in the school of chemical sciences and engineering of the Autonomous University of the State of Morelos, on the subject of mathematics favoring skills in this discipline. We used this resource as software designed for the teaching of the algebra, trigonometry and trigonometric functions, as well as specialized analysis software graphs that allowed the Professor analyzing the academic development of the students. The objective of this research was to observe the way in which the incorporation of materials related to the TIC's, modified the learning processes of mathematical concepts in the upper level students. The subjects of this research were 500 students of the course of induction of the subject matter of mathematics coming from different institutions of the upper level of different municipalities of the State of Morelos, Guerrero, Puebla and Mexico City. The use of new technologies in the context of a strategy of innovation, influenced by the TIC's focuses on the improvement of techniques of student skills and in the development of critical thinking, promoting creativity and scientific sense that interpreted and solve problems. The methodology was qualitative Court and evaluations of quantitative type due to the requirements of the institution. Among the results obtained is the development of technology in the majority of students and strengthening the incorporation of parcel in mathematics ability.

Keywords: Technologies, TIC's, Mathematics.