

1056-BD-270 **Larissa Williamson*** (lwill@ufl.edu). *Successful on-line Math course: myth or reality?*

Teaching mathematics is not an easy task. Teaching mathematics on-line? Problematic... Why are the students so anxious and the Instructors so skeptical about the on-line environment? Perhaps, the reason for the students' anxiety is a fear of being left alone with the Math and themselves; and for the Instructors, in their turn, not seeing the students is equivalent to losing them. The surprising thing, however, is that the well set on-line environment not only helps to overcome these anxieties but also creates models that reinforce the positive aspects in teaching Math and build healthy learning habits in the students, transforming them from passive observers into active learners.

In this presentation, I am describing a model of an on-line College Algebra course. There are several main aspects of this course that contribute to its success: communication, organization, easy access to the information, building a community.

From my experience of teaching thousands of students in on-line, hybrid, and in-classroom classes, I am convinced that on-line teaching of mathematics in skill building courses is not only possible but advantageous because it provides a friendlier learning environment to the students and gives the Instructors more tools for managing the course. (Received August 24, 2009)