

1014-L1-1005 **Stacy G. Langton*** (langton@sandiego.edu), Department of Mathematics & Computer Science, University of San Diego, 5998 Alcalá Park, San Diego, CA 92110. *A Counterrevolutionary College Algebra Course*. Preliminary report.

It is not the case that our students are failing to learn the mathematics that they study in high school. On the contrary, they are learning a lot. The problem is that much of what they are taught is wrong. Thus, we have the challenge of getting them to unlearn the wrong ideas they have learned in school.

In this talk, I will describe the College Algebra course that I have been teaching for four years now at the University of San Diego. This course is completely different from any other College Algebra course whose description I have seen. Consequently, I suggest that it may be described as "counterrevolutionary". (Received September 26, 2005)