

1046-Z1-844

**Sharon S Emerson-Stonnell\*** (emersonstonnellss@longwood.edu), Mathematics Department, Longwood University, 333 Ruffner, Farmville, VA 23909, and **Robert D Markey** (rdm168@longwood.edu), 107D Lancer Cir, Farmville, VA 23901. *Coordinating Tutoring with the Calculus I Classroom*. Preliminary report.

This year the mathematics department at Longwood University created more structured tutoring sessions in Pre-calculus and Calculus I to try to increase student success in the classes. The Calculus I instructor and tutor will present the results of this collaboration. The Calculus I instructor is responsible for overseeing the tutoring sessions for Calculus I. The tutor, a senior mathematics education major, holds a two one-hour tutoring session each week in the evenings. The first 30 minutes of each session is the lesson plan created specifically for student needs and the second thirty minutes is a general question and answer session. The tutor attends the math class once a week to observe the teaching methods as well as content taught in the class. After grading student homework and labs, the instructor provides the tutor information about the difficulties the class is having along with recommendations for tutoring lessons. The tutor then develops a 30 minute lesson around the topic and brings it by the instructor's office for approval and revision before each tutoring session. Preliminary report. (Received September 12, 2008)