

1035-L1-1714 **Debra L Hydorn*** (dhydorn@umw.edu), 1301 College Avenue, Fredericksburg, VA 22401.
Teaching Finite Mathematics Using Learner-Centered Pedagogy.

In this talk I will describe how I incorporated the characteristics of learner-centered pedagogy into a finite mathematics course. This course is typically taken by non-mathematics majors to meet a general education requirement. In particular, I will describe the discovery activities I used to introduce students to new topics, as opposed to a traditional lecture, so that they could build their understanding of the new material based on previously gained knowledge. I will also describe the impact of these activities on students' learning, from surveys conducted at the start, middle and end of the semester, and by comparing test scores from a traditionally taught course. (Received September 20, 2007)