

1135-H1-2043 **Violeta Vasilevska*** (violeta.vasilevska@uvu.edu). *Enhancing the Hybrid College Algebra Course with a Flipped Classroom*. Preliminary report.

In the last few years, the presenter has been teaching a hybrid College Algebra class in a flipped classroom. For the on-line learning activities, students use MyMathLab. Students are asked to view the video lectures on-line and work on the on-line homework before they come to class. The in-class activities are divided in two parts. The first part is a question/answer segment. During this part, the instructor (presenter) does not lecture, but rather just helps answer questions about concepts/topics that caused difficulty to students at home. The second part is a problem-solving segment. Students are given a group quiz, which is a unique way to involve students in collaborative problem-solving active learning. This structure allows students to go over/review the new concepts several times, to encourage them to ask questions, to lead them to answer their own questions, and to spark communication between them. The presentation will demonstrate how the question/answer part of the class is conducted. In addition, results from student surveys about the structure and effectiveness of this course will be shared. Moreover, it will be discussed how student feedback has been incorporated in the structure of the class, and how those changes have impacted student learning. (Received September 25, 2017)