

1106-G1-1287 **Diana White*** (diana.white@ucdenver.edu). *Use of Just-In-Time-Teaching, Khan Academy Videos, and MyMathLab to Partially Flip a Linear Algebra Course.*

Instructors who teach in a student-centered manner often face a tension between content coverage and student engagement. There are a variety of techniques that can be used to help ease that tension. In this talk, we discuss two aspects of instruction that the author has used while teaching the first undergraduate course in Linear Algebra at her institution. The first involves using MyMathLab and a proficiency exam to move the learning and practice of most computational skills outside of class. The second, arguably more substantive, involves using Just-In-Time-Teaching combined with Khan Academy videos to enhance student learning. (Received September 11, 2014)