Over the past few semesters, learning assistants have worked with professors to create flipped classrooms with large class sizes averaging around ninety students per class. Flipped classrooms have a unique structure, generally consisting of the lecture portion of the class being completed outside of the classroom through videos or notes, while in-class time is spent working with students through group work and practice problems. The presentation will discuss the in-class procedures and outside-of-class preparations, examine the professors’ and students’ views of flipped classrooms, and how the learning assistant program is key to flipping a large classroom. (Received September 17, 2017)