Many college students think that learning is achieved by coming to class and waiting while knowledge is poured into their brains. Conversely, many professors lament that their students do not spend enough time on mathematics outside of class time. To more actively involve students in the learning process, both in and out of class, I flipped my Calculus I course during the Fall 2013 semester. In this talk, I will share my experiences as a first-time flipper. In particular, I will explain the class structure I employed, discuss practical and technical considerations in the use of technology, activity design, and classroom management, describe the students’ reactions, reflect on what worked, and share what should never be repeated. (Received September 17, 2013)