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**William J Heuett\*** ([wheuett@marymount.edu](mailto:wheuett@marymount.edu)), VA. *Experiences and Experiments in Implementing a Flipped Classroom Design in an Introductory Statistics Course.*

For two years I have worked to design and implement a flipped classroom design in an introductory statistics course. During that time, I conducted two experiments to test my methods. In the first experiment, two sections (70 students total) were taught using the flipped classroom design and one section (35 students total) was taught using a traditional lecture style. In the second experiment, three sections (105 students total) were taught each with an array of assessment methods aimed at assuring that students watch the video lectures outside of class and come prepared to do the in-class activities. I will discuss the results from both experiments, focusing on measures of student learning outcomes. I will also discuss some of the nuts and bolts involved and the technology that is available. (Received September 16, 2013)