

1106-R1-2737 **Terry L Barron*** (tbarron@ggc.edu). *Engaging the Introverted Learner using the Flipped Classroom in a Hybrid Calculus Class.*

The Flipped Classroom is a proven method of engaging students that results in deeper learning and higher achievement. A Hybrid format is a perfect environment for flipping the classroom if the pedagogical focus is "on-line with benefits." The benefit of the is that students are able to meet with the professor weekly to discuss problems and develop a deeper understanding of the material. Hybrid format classes that use the flipped classroom pedagogy are also an excellent means to engage introverted learners. Introverted learners often fall through the cracks in traditional lectures. Extroverted, gregarious students typically answer most questions in class even when we, as engaged teachers, try everything we can to make introverted learners participate. In this mixed methods design, results indicate that introverted learners feel more comfortable when instructors flip the classroom, which directly contributes to higher achievement. Increases in grades are attributed to both the Flipped Classroom method of teaching as well as innovative communication initiatives with students. Session participants will receive downloadable files for all resources presented, including surveys used, class preparatory quizzes and activities that promote student engagement. (Received September 16, 2014)