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Denise Natasha Brewley* (dbrewley@ggc.edu), 1000 University Center Ln, Georgia Gwinnett College, Building A- 1601, Lawrenceville, GA 30043, and **Priya Shilpa Boindala** (pboindal@ggc.edu), 1000 University Center Ln, Georgia Gwinnett College, Building D-1470, Lawrenceville, GA 30043. *Using LearningCatalyticsTM Technology as a Tool to Enhance Student Engagement in Pre-Calculus & Calculus.*

LearningCatalyticsTM (LC) is an interactive student response technology which allows students to participate in class using a dynamic polling feature. Students are able to use their own mobile devices, to participate in class sessions. This technology allows students to respond to a variety of question types, not limited to multiple choice or fill in the blank questions. With its unique grouping feature, LC can also group students together based on their responses in order for them to engage in meaningful discussion about their answers. In this digital poster session, the presenters will give a live demonstration on how LC is used in their Precalculus and Calculus courses. Audience participants will have the opportunity to experience first hand, as students, the power of this technology and how it may be used to transform a Pre-Calculus, Calculus, or other mathematics course in order to create significant learning experiences through enhanced student engagement. The presenters will (1) provide a brief description of LC; (2) demonstrate how to use LC, highlighting its dynamic polling feature; (3) show how LC aides in peer instruction. Finally, presenters will close the poster session with time for question and answer from audience participants. (Received August 31, 2016)