Title: Gel Power - Fundamental Influence and Applications of Mathematics Literacy across Curricula

Abstract: In order to best prepare students for emerging careers, Kaplan University introduced General Education Literacy standards into the core curriculum. The goal of the General Education Program is to ensure that students are literate in each of the general education areas of: ethics, research, arts and humanities, critical thinking, technology, communication, science, social science, and mathematics. This Best Practice discussion will focus on the implementation of the Mathematics Literacy across the University with specific emphasis on MM150 Survey of Mathematics and The Math Center.

Best Practices Submission:

Every institution wants their students to be successful, not only in the subject classrooms, but also to be able to make connections to their other courses, and to their career choices. Kaplan University has implemented a General Education Program to best support students in reaching this goal. This Best Practice discussion will focus on the implementation of the Mathematics Literacy across the University with specific emphasis on MM150 Survey of Mathematics and The Math Center.

MM150 Survey of Mathematics connects a broad spectrum of mathematical topics to each individual student’s discipline. The course content is not simply algebra, statistics, or abstract math, but a variety of mathematical concepts from which the student can gain meaningful connections to their everyday life. This course was designed to help students build connections to their careers, while learning important mathematical concepts. In addition to this course, one fourth of the elective courses offered at the University will include a mathematics unit that applies math concepts to the content of the course.

In addition to emphasizing mathematics throughout curricula, Kaplan is devoted to supporting students in their quest for mathematical literacy. Kaplan’s Math Center is the premier student support center for mathematics literacy. The Math Center supplies the resources and individual support for all students who struggle with the math in their curriculum. These resources include: Live Tutoring; Math Modules; Math Dictionary; Q&A.

The presentation will be divided into three areas:

- The General Education Program and the Mathematics Literacy
- The core course: MM150 Survey of Mathematics
- The Math Center