

1056-J1-1668 **Manuel J. Sanders*** (mjsander@uscb.edu), One University Blvd., Bluffton, SC 29909.
Mathematics and General Education: Exposing Students to Mathematics and its Tools in the 21st Century. Preliminary report.

The University of South Carolina Beaufort (USCB) is the newest baccalaureate degree granting institution in the state of South Carolina. All students must take at least one course in mathematics to partially fulfill the Numerical and Analytic Reasoning component of USCB's General Education curriculum accompanied by a second course in mathematics, statistics, computer science, or logic. A new mathematics course BMTH 101: Experiential Mathematics and Computation was approved by the faculty in 2008. A total of four sections have been piloted. I will discuss the tenets of the course philosophy, describe the cornerstone topics of the course and outline some non-traditional aspects of the curriculum and course activities. Preliminary assessment of course outcomes will also be discussed. (Received September 22, 2009)