1067-S1-1827   **Kurt E Ludwick*** (`keludwick@salisbury.edu`), Department of Mathematics & Computer Science, 1101 Camden Ave, Salisbury, MD 21801. *Teaching Mathematics Through Music for a Liberal Arts Audience.* Preliminary report.

A "Mathematics for the Liberal Arts" course is an opportunity to invite the scientifically disinclined college student to experience the beauty, depth, and relevance of mathematics. Within the context of music, we can explore a wide range of mathematical concepts.

Based on my experiences teaching multiple offerings of a "Music and Mathematics" course designed for non-science majors, I will discuss some fruitful strategies and activities for exploring topics such as exponents and logarithms, combinatorics, modular arithmetic, introductory group theory, and symmetric groups. (Received September 21, 2010)