

1014-P1-49

**Bernard L. Madison\*** ([bmadison@uark.edu](mailto:bmadison@uark.edu)), SCEN 301, Department of Mathematical Sciences, University of Arkansas, Fayetteville, AR 72701. *News Math: Working toward QL.*

Based on experience with a course (called News Math) using only newspaper and magazine articles as source material, education for QL appears to require substantial departures in both content and pedagogy from practices in traditional mathematics and statistics courses. This report will describe the background for creation of News Math, its evolution over three semesters, and conclusions drawn from the experience. Most of the students in News Math have been journalism majors, but the course seems appropriate for a wide range of students from the humanities and fine arts, and perhaps all students. Although currently organized in ten lessons with mathematical titles, mathematical and statistical concepts and methods are confronted as they appear in the source articles. In addition, discussion of articles brought to class by students adds more uncertainty of topics. This daily extemporaneous activity engages students but adds significantly to challenges for the instructor. (Received July 05, 2005)