

1077-AE-1867      **Rikki B. Wagstrom\*** ([rikki.wagstrom@metrostate.edu](mailto:rikki.wagstrom@metrostate.edu)), College of Arts & Sciences,  
Metropolitan State University, 700 East Seventh Street, Saint Paul, MN 55106. *Exploring  
Sustainability in a Developmental-Level Mathematics Course.*

In 2008, Metropolitan State University in Minnesota began offering a college-algebra-prerequisite course integrating (environmental) sustainability issues. This presentation will discuss the challenges of developing and teaching this course, and how the course curriculum and pedagogies have evolved over the past three years to address many of these challenges. Particular issues discussed include the following: (1) presenting a coherent sustainability narrative through the use of quantitative reasoning and algebraic skills, (2) promoting mathematical competency in all required areas, and (3) making content personal for students. Input from anonymous student surveys will also be discussed in this presentation. (Received September 21, 2011)