

1077-C5-1527 **Carla Rudder*** (carla.rudder@zu.ac.ae). *Energize: Strategies to Keep Students Going and Going.*

At a Gulf University approximately 46% of students enroll in a developmental mathematics course before enrolling in college mathematics courses. The majority of who major in the liberal arts. The goal of the developmental mathematics course is to ensure students have the proper foundation to be successful in subsequent mathematics courses. In order to make the course enjoyable for the students and to assist in their success, several strategies and classroom practices were adopted. The focus of the mathematics faculty was to create an environment where students are active participants in the classroom. To achieve this goal, a new text was created to allow students to work during class instead of solely listening. Using this text, the class becomes a forum for discussion. Students are encouraged to work together to further their understanding and improve their confidence. The text includes non-mathematical situations in order to teach problem solving heuristics before transitioning to mathematical situations. Also by including the use of technology, a medium students are highly familiar with, they experience mathematics in a comfortable environment. (Received September 20, 2011)