

1077-F1-421

C. Ray Rosentrater* (rosentr@westmont.edu), Westmont College, 955 La Paz Rd., Santa Barbara, CA 90108. *Connecting Linear Algebra Concepts*.

Commonly, students find that an intuitive or computational understanding of mathematical concepts suffices for success in mathematics courses taken prior to Linear Algebra. Consequently, students often are uncomfortable with the increased amount of mathematical vocabulary, the more technical nature of the ideas, and the greater use of theorems and proofs to connect concepts they encounter in Linear Algebra. I will present an interactive classroom review activity that I have found useful in helping students focus on clearly articulating Linear Algebra definitions and identifying conceptual connections. (Received August 30, 2011)