The Mathematics department at Davenport University serves strictly as a service division in support of the school’s programs in business, technology, and health professions. As such, a conscious effort has been undertaken to use the context of the university’s programs to motivate the content within the developmental and introductory math courses. An additional benefit of the collaboration between Davenport’s discipline and math faculty has been the identification and bridging of several disconnects in how quantitative topics are presented. Examples in the areas of accounting/finance, nursing, and social science will be discussed in detail. (Received September 16, 2008)