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Suzanne Ingrid Doree* (doree@augsborg.edu). *Just Enough Algebra to Prepare Students for Quantitative Courses Across the Disciplines – a New Approach to Developmental Algebra.*

What algebra do students need to know to succeed in college, to understand their everyday life, and to become effective participants in today's society? For the past 20 years at Augsburg College we have taught a successful developmental algebra course that helps students learn Just Enough Algebra. Conversations with our partner disciplines have been critical to our course design and renewal, with special attention to economics, business, the sciences, and quantitative reasoning courses in mathematics/statistics. Content choices at Augsburg echo national findings from the Curriculum Foundations Project: Voices of the Partner Disciplines – students need to experience the power of an algebraic model, but just as importantly they need to develop stronger number sense, numerical and graphical methods, and effective use of technology. In this talk I will briefly describe (1) the process we used to develop the course and (2) the content choices we made. I will also share one secret to our success (3) the ability to “fast-forward” to important content students will need in subsequent coursework including (a) introducing systems of linear equations effectively in one class period and (b) teaching how to solve exponential equations exactly without knowing the rules for logarithms. (Received September 15, 2015)