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**D. Scott Dillery\*** (dillerys@lindsey.edu), Mathematics, Lindsey Wilson College, 210 Lindsey Wilson Street, Columbia, KY 42728. *A Departure from College Algebra.*

From dialogs with faculty from departments which require College Algebra, the current syllabus for the course is not addressing the needs of these departments. A shift in emphasis from building a cadre of algebraic manipulation tools to the modeling and analysis of data should better serve the needs of these departments. Using specific example problems, I make suggestions for content that may better benefit the current customer. The problems focus on graphical and linear (or piecewise linear) models and on analysis of data. (Received September 21, 2006)