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G. Edgar Parker* (parkerge@guilford.edu), Department of Mathematics, Guilford College, Greensboro, NC 27410. *Moore Method in a Mathematics for Liberal Arts Course.*

Over a period of 30-plus years at Pan American University and James Madison University, the author developed several problem sets that allowed students, for a semester, to model the work of mathematicians within the context of math for liberal arts courses. In this talk, he will trace the development of these courses and discuss how the students have dealt with the problem sets. The course notes include investigations on applied mathematics, groups, geometries, and the complex numbers, each forming the heart of a semester's work. (Received September 11, 2012)