

1035-F1-1219

Joseph Evan* (josephevan@kings.edu), Department of Mathematics, King's College, Wilkes-Barre, PA 18711, and **Anthony D Berard**. *Logic and Axiomatics at King's College: A Bridge Course for First Semester Freshmen.*

At King's College, we have a unique approach to transitioning mathematics majors from the application of manipulative and computational skills to the formal mathematical reasoning needed to handle the more abstract nature of advanced undergraduate mathematics courses. While colleges and universities normally do this in a bridge course that is offered in the second semester of the sophomore year, we do this by requiring a course entitled "Logic and Axiomatics" of all first-semester first-year mathematics majors. This presentation will provide a description of that course, a discussion of how it interfaces with the other courses in our mathematics curriculum, and evidence of positive consequences of this approach. (Received September 19, 2007)