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**Frederick M Butler\*** (fbutler@ycp.edu). *Getting Better at Using Inquiry-Based Learning*. Preliminary report.

This talk details efforts to incorporate inquiry-based learning into several mathematics courses. The structure of the courses, the types of assignments, and grading systems will be discussed. The different strategies needed for a sophomore-level course (Introduction to Proofs) compared to junior/senior level courses (Abstract Algebra and Topology) are noted. Additionally, the author explains how classroom results and student feedback helped him to improve his approach from one semester to the next. (Received September 11, 2015)