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Brian M Loft* (1loft@shsu.edu), Department of Mathematics & Statistics, Sam Houston State University, Huntsville, TX 77341-2206. *Writing and using a set of IBL course notes in differential calculus*. Preliminary report.

Teaching a course using Inquiry- or Discovery-Based Learning (IBL) techniques can be as intimidating as it is rewarding. One of the most important decisions to make when using this method in the classroom is that of choosing the best set of course notes. Of course, one option is to write your own set of notes, making an already intimidating preparation even more daunting. During this talk, we will learn how a set of IBL course notes was written, edited, and used for a differential calculus course, with a thorough discussion of lessons learned. (Received September 17, 2012)