

1106-G5-2417 **Theron J Hitchman*** (theron.hitchman@uni.edu), Department of Mathematics 0506,
University of Northern Iowa, Cedar Falls, IA 50614. *IBL Linear Algebra with a mixed audience and Sage.*

We present a framing of an IBL classroom aimed at a mixed audience of students from mathematics and from client departments that has a significant technology component. The main adaptations involve finding a reasonable standard of argument for a course that is not based on formal proof, and developing a way to integrate the use of the mathematical computing software Sage as a tool for mathematical investigation. (Received September 16, 2014)