

1163-D5-1118 **Jessie A Hamm*** (hammj@winthrop.edu), Rock Hill, SC 29732. *Teaching an Inquiry Based Proofs Course in a Virtual Setting.*

When we think of inquiry based learning classes a virtual environment doesn't typically come to mind. In fact, it seems like one of the worst settings for such a course structure. This fall I am teaching my first ever fully synchronous virtual courses. One of these is an Introduction to Proofs course in which I am using IBL and mastery based grading (for the first time!). Though I was nervous about the course I can honestly say it has been such a pleasant surprise. I have learned how to effectively use many technological tools in this virtual IBL setting! Some of these include breakout rooms, Jamboards, groupme, and note-taking apps on my ipad. In this talk I will share some of my experiences with these tools, both the successes and the (productive) failures. (Received September 14, 2020)