

# Electronic Mathematics Education Seminar



## Inquiry based learning calculus

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**12:00 - 1:00 ET**

Calculus is often said to be the most difficult class in which to implement inquiry-based learning (IBL) techniques. There are questions of class coverage, larger class sizes, and the mathematical maturity of the students taking calculus. Instead, IBL is historically known to be used in upper-division mathematics courses where students are responsible for generating proofs with little to no help from the professor. In this seminar, I will discuss ways to successfully incorporate IBL into the calculus classroom. A variety of techniques will be discussed ranging from adding short active learning strategies into a lecture based classroom to a classroom where little to no lecture is given by the instructor.

To join the seminar, go to  
<https://zoom.us/j/408581540>

For more information on EMES:  
<http://math.mit.edu/seminars/>