

1106-G5-1818 **Hansun To*** (hto1@worchester.edu), 486 Chandler Street, Math Department, Worcester, MA 01602. *IBL in a Liberal Arts Mathematics Course.*

Each semester Worcester State University offers several sections of Survey of Math, MA105. This is a course taken by many undergraduates not majoring in the mathematical or life sciences, to satisfy a quantitative reasoning course of Liberal Arts and Science Curriculum requirements for graduation.

It is intended to support students' liberal arts and social science interests, by investigating applications of mathematics in contexts which are relevant to individuals without strong interests in the mathematics.

I have adapted the inquiry based lecture/learning to this course since 2012. I will share the improvement of assessment, compare with other non-IBL sections and pros and cons of using this particular technique at the introductory level of studying. (Received September 15, 2014)