

1116-J5-1770 **Vincent J. Matsko*** (vjmatko@usfca.edu). *Writing Original Problems in Calculus Classes.*

Having students write their own original mathematics problems requires that they interact with calculus in a fundamentally different way than the traditional “solving book problems” approach. This assignment has been successfully implemented in calculus and other courses for several years. Practical details of classroom implementation will be discussed, as will the results of a research study on this assessment. In addition, a few brief examples of other IBL activities will be presented. (Received September 21, 2015)