

1096-VQ-1377      **Scott Beaver\*** (beavers@wou.edu), 1451 Meadowglen Ct., Monmouth, OR 97361. *An IBL Approach to Advanced Calculus That Incorporates Proficiency.*

Fluency with the relevant definitions and theorems is a necessary condition for student success in Advanced Calculus, as is the ability to quickly solve problems which require little more than straightforward application of a definition or theorem. This is the notion of *proficiency*, an approach that is well-established in second-language instruction and which has recently gained traction in broader K-12 education. I offer the architecture that I use in an IBL Advanced Calculus course to ensure such fluency, including an appropriate IBL/proficiency ratio. (Received September 15, 2013)