Using QEC Cloud Software to Reflective Writing on Literature Study to Enhance Students’ Critical Thinking and English Language Proficiencies

Ya-huei Wang¹ and Hung-Chang Liao²*
¹Department of Applied Foreign Languages, Chung-Shan Medical University; ²*Department of Health Services Administration, Chung-Shan Medical University; ¹,²*Department of Medical Education, Chung Shan Medical University Hospital, ²*E-mail: hcliao@csmu.edu.tw
*Corresponding author

ABSTRACT

Quick English Composition (QEC) cloud software was a cloud software used to increase students’ English writing skills while decreasing teachers’ workload. The study intended to investigate whether the use of QEC software could bring any positive impact in critical thinking, English language proficiency, and student satisfaction. A pretest-posttest nonequivalent control group design was used in the study. The study incorporated both quantitative and qualitative methods. The quantitative measures in the study were English language proficiency tests, a critical thinking scale, and a student satisfaction survey. The qualitative measure used here was individual student semi-structured interviews. After a sixteen-week intervention, an independent t-test was used to compare the means on the measures between the experimental group and the control group. The research results revealed that the experimental group students with the assistance of QEC cloud software had higher critical thinking ability, as well as English language proficiencies. In addition, they had greater satisfaction toward their English course than those not using the cloud software.

Keywords: Cloud Software, Computer-based Learning Program, EFL (English as a Foreign Language)