

THE 'CORRECTION ESSAY' (CE) ASSESSMENT: A SIMPLE TO CREATE, AND RAPIDLY GRADED QUIZ, USEFUL FOR ASSESSING BASIC STUDENT UNDERSTANDING OF A CHEMISTRY TOPIC. By José Barreto. Department of Chemistry. Florida Gulf Coast University.

Long, detailed multiple choice (MC) tests are easily scored, but are difficult to create 'de novo', and need very careful proofing. Nevertheless, many instructors eschew 'MC test banks', preferring customized assessments that hew very closely to their chosen content. **A 'correction essay' (CE) quiz is an essay that purposefully contains imbedded errors.** Students must find, underline and number each error, then create a numbered list of suitable corrections. A 'cut-out, paper key' is overlaid on a student's work, followed by marking with a high-lighter, a process that reveals whether a student found all errors, and/or, whether any non-errors were incorrectly identified. Further, the students generate a separate numbered 'correction list' that can be quickly scored for incorrect 'fixes'. Students commit 4 different error types on a CE. CEs tend to be less difficult tests, when compared to detailed MC tests. CEs are easy and quick to create and score, and are particularly useful for short quizzes. CEs are recommended as partial replacements for more complicated exams.