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Geoffrey W Buhl* (geoffrey.buhl@csuci.edu), 1 University Drive, Camarillo, CA 93012. *A Writing Guide and Rubric for Mathematics.*

As part of campus wide curricular efforts, the mathematics program at CSU Channel Islands has developed a writing guide for mathematics and a rubric for evaluating the communication of mathematical work. Both are motivated by the idea that good mathematical exposition must be correct, complete, clear, and creative.

The mathematics writing guide is designed to help students submit written homework that is well-written and effectively communicates their understanding of mathematical concepts and techniques. An added benefit is that such written work is much easier to correct. Instructors expose students to the writing guide at the beginning of course and use samples of student work shape students' understanding instructors' expectations for written work.

A mathematics rubric developed as part of a General Education reform uses the concepts correctness, completeness, clarity, and creativity to assess students ability to solve and communicate solutions to mathematical problems. An outcome of this work is the use of proof portfolio assignments, that are used in multiple course in the mathematics curriculum. Student select and revise their best proofs from a course and package them into a portfolio that is then assessed using the mathematics rubric. (Received September 25, 2012)