

EDU 511 – Standards-based Mathematics and Technology in the Elementary Classroom

This course investigates the concepts and computation methods advocated by research. Specific emphasis is on the demonstration of concrete instructional methodologies and the uses of manipulative materials which aid participants' knowledge of teaching math in an authentic and meaningful way. Participants are also immersed in learning the NEW STANDARDS for mathematics and the National Council of Teacher of Mathematics Standards. Field experiences include working with diverse learners in mathematics programs during or after school. Students must also demonstrate competence in using instructional technology.

(3 Credits)