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Babette M. Benken* (bbenken@csulb.edu), Department of Mathematics and Statistics, California State University, Long Beach, 1250 N. Bellflower Blvd., F03-108, Long Beach, CA 90840, and **Lindsay Tartre**, CA. *Non-traditional Content Courses for Prospective and Practicing Mathematics Teachers: A Unique Program.*

Although many departments of mathematics offer content courses for prospective and practicing mathematics teachers, few lie outside the limits of preparation for calculus. In our department we have designed a set of several courses that can be taken for either a concentration in mathematics within coursework for a Multiple Subjects (MS) Credential, course units to earn Subject Matter Authorization to add onto an existing MS Credential, or to explore content needed to pass the State of California mathematics credential tests (CSET). In this presentation we will overview these courses, as well as share data related to implementation and effectiveness. (Received September 19, 2007)