

1046-A5-1884 **Michael D. Bice*** (mbice@csustan.edu), Mathematics Department, California State University, Stanislaus, 1 University Circle, Turlock, CA 95382. *Evolution of a Capstone Course for Prospective High School Mathematics Teachers*. Preliminary report.

Since the early 1990s, the California Commission on Teacher Credentialing has set forth statewide standards for single subject matter programs that prospective teachers complete to demonstrate competency. As one part of its Subject Matter Preparation Program in Mathematics, the Mathematics Department at California State University, Stanislaus, offers a capstone course entitled *Senior Seminar in Mathematics*. This class provides students with experience in mathematical communication in oral and written forms. Students write and present papers about problem solving techniques at various levels of mathematics education, mathematical theorems and proofs from upper-division topics, and critiques of journal articles about mathematics education. In this session, I will share my department's experiences with this course, including the materials used, the student feedback we received, and recently implemented changes to the class designed to enhance student learning. (Received September 16, 2008)