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**Barbara J. Pence\***, Barbara J. Pence, Department of Math & CS, San Jose State University,  
San Jose, CA 95192. *Capstone Courses For Secondary Mathematics Teachers*. Preliminary report.

The MET document identifies one way to make significant improvements in the content knowledge and the model for mathematics teaching is to design, develop and offer a capstone sequence for teachers in which fundamental ideas and techniques of high school mathematics are examined from an advanced standpoint. This presentation describes two capstone courses designed for high school teachers. This discussion shares the goals of the courses, topics covered, texts used, sample activities, snapshot of the classroom environment, assessment, student interviews and issues still to be addressed. (Received September 05, 2000)