

1077-C1-1673 **Rosemary C Farley***, Manhattan College Parkway, Department of Mathematics & Computer Science, Bronx, NY 10471. *A Capstone Course for Secondary Education Students.*

At Manhattan College, secondary mathematics education students take a capstone course designed specifically for them. In this course, students revisit important topics in the high school curriculum from a mathematically advanced perspective, incorporating the mathematical knowledge they have attained in their college mathematics classes to an analysis of high school topics. Various technological tools are used where appropriate. The presentation will provide specific examples of what has worked in this course, including information about student research projects that evolved from course materials. Many of these students subsequently presented at undergraduate mathematics conferences and examples of such presentations will be available. (Received September 20, 2011)