COMMON CORE PRACTICE STANDARDS AND QUESTIONING TECHNIQUES IN HIGH SCHOOL MATHEMATICS
Course Number: TBA
(3 graduate credits or 2 in-service credits)
July 13-16; M-Th; 8:00 a.m. - 4:00 p.m., RVC campus
Tuition and Fees: Graduate: $900 or In-Service: $495

One significant part of the Common Core State Standards in Mathematics includes the eight Standards for Mathematical Practice. The Practice Standards “describe varieties of expertise that mathematics educators at all levels should seek to develop in their students.” In addition to understanding changes in the content of what is to be taught, teachers must become aware of how students are to be instructed and what is to be expected of the students. This course will enable teachers to understand what the Practice Standards look and sound like in a classroom. Teachers will also develop an understanding of the types of questions they must ask to help students develop a deeper understanding of high school mathematics, and learn how to incorporate higher order thinking questions on their assessments.

Instructor: Ann Davidian retired from the Levittown School district where she worked as a teacher and chairperson for 40 years. She now works as a Mathematics consultant for BOCES and is a T^3 National Instructor. She received the 2001 U.S. Presidential Award for Excellence in Mathematics and Science Teaching. She is a co-author of Functions Modeling Change: A Preparation for Calculus, Algebra: Form and Function and Preparing for the Regents Examination: Algebra 2 and Trigonometry.