The purpose of this course is to provide teachers with a deeper understanding of the Common Core State Standards, beginning with the end in mind. Developing meaning in Algebra and establishing a solid foundation is critical to the successful performance of students as they progress in the learning of Mathematics. Many ask: Why do we teach Mathematics? What is the point? Mathematics is all about creating problem solvers who can thrive and persevere as they face complex problems in everyday life.

Teaching of Mathematics today is vastly different from the learning of Mathematics years ago. We must create a new way of thinking in our youngsters in order for them to thrive in a globally competitive world that is unknown. Our students today must and will create the future and in order to do so, they must think differently. Instructor: *Dr. Cheriese Pemberton*; *Vice Principal 9-12, Long Beach High School and Director of Mathematics, K-12, Uniondale Public Schools*