Algebra I; Course for Grades 8 and 9 and Advanced Grade 7

As a self-paced course, each student working with online assignments will progress through the fundamentals of Algebra including Real Number Operations, Linear Equations and Inequalities with an introduction to Graphs and Functions, Operations using Exponents, Polynomials and Factoring. Student will use the Internet and will need a laptop, Android Tablet, Chromebook, or iPad to access assignments from the McGraw Hill Education ALEKS program. The additional benefit of the ALEKS online program is the diagnostic function built into the program which allows the teacher to identify on an individual basis what a student has mastered, has learned and is ready to learn. During class each student will receive individual support based on how that student's skill-base is progressing. Because algebraic notation can be considered a form of language, students will take lecture notes. Research has shown that students who took notes by hand remembered facts in the short term and conceptual information over time. Real world situations will be examined as concepts are developed. Supplies provided by the teacher will include composition books with handouts.

The supply fee is $5.00 and the 40-week subscription to ALEKS is $35 per student for a total of $40 payable by check to Nancy A. Roell at the time of registration. Before a student can receive the access code for ALEKS online the payment must be made along with registering the student's name and an e-mail address to allow communication between the teacher and the student. Parents should determine the appropriate e-mail address for this purpose. On the first Friday of the course, students will be given initial logon instructions to begin using ALEKS which is on the Worldwide Web.

The tuition fee is $45 per month also payable by check on the first Friday of each month. I will be happy to visit with you to answer questions at (210) 826-8459 or e-mail me at drnroell@sbcglobal.net.

To check on requirements for equipment go to https://www.aleks.com/support/system_requirements