

Algebra II: Course for Grade 10 and 11 or advanced Grade 9

The course will prepare a student with skills needed for taking College Algebra courses as prescribed by the degree plans of colleges. The assignments are provided through the McGraw Hill Education online program called ALEKS which targets on an individual basis what a student has mastered, has learned or is ready to learn. ALEKS assignments can be accessed on the Internet using a laptop, Chromebook, Android Tablet or an iPad. This course includes advanced topics in Real Numbers, Linear Equations and Inequalities, Graphs and Functions, Systems of Equations, Quadratic and Polynomial Functions, and Radicals. The online program will provide Exponential and Logarithmic Functions and Statistics and Probability if the student can advance even further. In the classroom, the teacher will address individual needs based on the student's diagnostics so that support will connect with what a student is ready to learn. Students will be expected to take lecture notes which research shows help the student retain facts over the short term and conceptual information over the long term. 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 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