Course overview

Catalog Description:

3 Credits (3 hrs. lab.) Math 0314 is a non-course based option covering objectives students will need to be successful in College Algebra, MATH 1314 (3201045419) Prerequisite: MATH 0308 or Placement by Testing Corequisite: MATH 1314

Total Contact Hours: 48

http://www.LoneStar.edu/lscs-catalog.htm

Student Learning Outcomes:

Upon completion of this course the student will
1. Recognize, understand, and analyze features of a function.
2. Perform operations using integer and rational exponents.
3. Factor and perform operations with polynomials.
4. Simplify and perform operations with rational and radical expressions to include complex numbers.
5. Solve linear, polynomial, radical, and rational equations.
6. Solve linear and absolute value inequalities of a single variable and express solutions sets in set builder and interval notation.
7. Solve quadratic equations by factoring, completing the square, and the quadratic formula.
8. Graph linear and quadratic functions.
9. Write linear equations in standard form.
10. Solve systems of linear equations and related applications

http://www.LoneStar.edu/refresh_learning_outcomes.html
Prerequisites: A grade of C or better in Math 0308 (Introductory Algebra), departmental approval, or test scores in the following ranges:

- TSI ASSESSMENT: 343 – 349

Required Material: (In order to help the students save on textbook costs, we are now only requiring the purchase and use of MyMathLab) MyMathLab Access Code only, ISBN: MyLab Math with Pearson eText -- Standalone Access Card -- for Beginning & Intermediate Algebra and College Algebra: A Corequisite Solution, 18-Week Access ISBN: 9780134896038
    Or

*Please let students know that MyMathLab (MML) access must be purchased either online at www.mymathlab.com, or at the bookstore on
