

# Algebra I

**Instructor:** Amy Witt  
B.S. Mathematics, Belhaven College  
M.S. Mathematics, University of Mississippi

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**Class fees:** The total fee for the class is \$400 or \$50 per month from August through April. There is also a one time supply fee of \$35.

**Required Books:** BJU Press Algebra I Student Text, 3rd edition. ISBN: 978-1-62856-562-1

**Required Materials:** 1-2 inch Binder, loose leaf paper, graph paper, pencils, scientific (ACT approved) calculator - TI-30XIIS is the preferred calculator. If you already have a calculator, don't go buy a new one for the class, but if you don't have one, the one listed above is preferred.

**Class Schedule:** Tuesdays and Thursdays  
FBC Fannin, 101 Church Rd., Brandon, MS 39047

**Course Description:** Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. Topics include:

- operations with rational numbers
- equations and inequalities
- linear equations and inequalities
- systems of equations and inequalities
- properties of exponents
- polynomials and factoring
- solving quadratic equations

**Prerequisites:** Students entering this course should be proficient performing basic arithmetic operations (adding, subtracting, multiplying and dividing) whole numbers, positive and negative numbers, fractions, and decimals. Students should also be familiar with the proper order of operations when evaluating expressions. Some previous exposure to variables and solving simple one and two step algebraic equations would be helpful but is not required.

**Evaluation:** Grades will be based on graded homework assignments, quizzes, and chapter tests. There will be a comprehensive final exam at the end of the year. All grades will be updated in the Canvas Learning Management System. You will be able to log in at any time to view your child's progress.

**Note to Parents:** Even though our class meets only 2 times a week, please be sure that your child is completing all assigned homework problems on the remaining 3 days of the week that we do not have class. Math is not the type of subject where the student can come to class and simply listen and watch. They must be working all of the assigned problems between class meetings. If your child is unable to complete their homework assignment, please send a text, email or handwritten note letting me know that you are aware that the homework assignment is incomplete.