

Precalculus with Trigonometry

Instructor: Amy Witt
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Class fees: The total fee for the class is \$400 or \$50 per month from August through April, plus the cost of the textbook. There is also a one time supply fee of \$35. The cost for the calculator required for this class should also be a considered expense. It runs about \$120-\$140 depending on the store and sales. These are usually on sale during back to school events. Calculator details can be found below in the "Required Materials" section.

Required Textbook: BJU Press Precalculus Second Edition

Required Materials: Calculator: TI-84 Plus CE Graphing Calculator.
Binder with loose leaf paper and graph paper.

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

Course Description: The purpose of this course is to expand the student's knowledge of the algebraic concepts learned in Algebra I and Algebra II as well as introduce them to new concepts in trigonometry. Basic Algebra concepts will be briefly reviewed followed by a thorough study of functions, including exponential, logarithmic, polynomial, rational and trigonometric functions and their graphs. We will also learn to verify trig identities and solve trigonometric equations. Students successfully completing this course will have a thorough knowledge of advanced algebraic and trigonometric concepts and will be adequately prepared for college level mathematics courses.

Prerequisites: Algebra II

Evaluation: Grades will be based on graded homework assignments (10%), quizzes (25%), and chapter tests (65%). 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.