

Precalculus Syllabus

Kimberly Summey – Instructor

Goal: To help each student reach his/her highest potential in Precalculus.

Text: *Precalculus with Limits: A Graphing Approach*, by Larson, published by Cengage Learning

Topics of Study: University School's Pre-Calculus course is aligned to the Tennessee State Standards for Mathematics. For more information on the state mathematics standards, visit https://www.tn.gov/content/dam/tn/education/ccte/eps/eps_sdc_precal_learning_objectives.pdf

Materials: A notebook dedicated to Pre-Calculus
A pencil and eraser (for assignments)
A pen (for grading and corrections only)
Paper (Notebook paper and graph paper)
Textbook
TI-84 calculator

Calculator: The TI-84 Plus graphing calculator is required for all high school mathematics courses. We will use calculators throughout this course for both in-class assignments/activities and homework so that you gain familiarity with the calculator prior to college. The TI-84 Plus will be allowed on parts of assessments in this class, and it is approved for use on the ACT Exam. Students are expected to bring their calculator to class daily. Please see me if you are unable to purchase the TI-84 Plus. If you choose to use a graphing calculator other than the TI-84, it will be your responsibility to learn the appropriate key strokes. Please note the majority of assessments will be taken without this calculator. Therefore, please use it as a tool rather than a crutch. On non-calculator portions of exams, you may use a four-function calculator.

Grading: Each assignment will be assigned a specific point value. Each Quarter Grade will be calculated by finding the percentage of points earned of the total possible points.

1st Semester Grade: 1st Quarter 40 %
2nd Quarter 40 %
1st Semester Exam 20 %

2nd Semester Grade: 3rd Quarter 40 %
4th Quarter 40 %
2nd Semester Exam 20 %

Final Grade: 1st Semester 50 %
2nd Semester 50 %

Homework: Homework will be assigned regularly. Students are expected to attempt all assigned problems and ask questions about homework as it is discussed in class. Homework, along with the list of objectives for each section, should serve as a study guide for quizzes. Quizzes should serve as a study guide to tests. Tests should serve as a study guide for Quarter and Semester Exams.

Extra Assistance: Students are encouraged to attend the math lab, as needed. You do not need to register to attend the lab. If your study hall is at noon rather than 12:30, you will need to eat lunch at 12:00 so you can attend the math lab at 12:30. The lab is open from 12:35-1:00. The schedule for the lab is posted at the front of Ms. Summey's classroom near the door. If Mrs. Summey is absent, the math lab will be closed.

Statewide Dual Enrollment Course: Students enrolled in Pre-Calculus are required to take the Statewide Dual Enrollment Exam near the end of the year. Students earning a 75 or better on the exam will be awarded college credit at their Tennessee public college of choice. Only a four-function calculator is allowed for this test.