

Debbie Rodell
Calculus
2014 – 2015

Calculus is the study of four main ideas: limits, differentiation, definite integrals and indefinite integrals. This course will slowly go through the book so that the ideas and topics can be understood and applied. This course **does not** prepare the student in any way for the AP exam.

Course Goals:

- Build a strong foundation for future courses and careers
- Connect calculus to the real world and to other subjects and math topics
- Explore and discover math concepts graphically, analytically and numerically

Course Outline:

First Nine-Weeks

- Pre-Calculus Review
- Chapter 1: Limits and Their Properties
- Chapter 2: Differentiation

Second Nine-Weeks

- Chapter 2: Differentiation
- Chapter 3: Applications of Differentiation

Third Nine-Weeks

- Chapter 4: Integration
- Chapter 5: Logarithmic, Exponential and Other Transcendental Functions

Fourth Nine-Weeks

- Chapter 6: Differential Equations
- Chapter 7: Applications of Integrations

Textbook:

- *Calculus: Eighth Edition* (Larson, Hostetler & Edward)

Materials Required for this Course – BRING EVERYDAY:

- Binder for notes
- Graphing Calculator

Grading Policy:

60% Exams/Major Grades (3 or more per grading period)

30% Quizzes (4 or more per grading period)

10% Homework/Daily Grades (10 or more per grading period)

Homework/Late Work Policy:

- All work must be shown to receive credit. .
- Usually assigned on a daily basis. **All homework is required.** You will be given until the retest day to make up all incompletes. If you turn in any homework after the date it is due, your grade will be an 70. If you turn it in between the test day and the retest day, you will receive a 50 for that homework assignment. No homework will be accepted after the retest day, and the homework that has not been turned in will remain a zero. You may **NOT** drop a quiz if you have any zero homework grades (see below). If you earn a 90 or above on the test all homework in that unit will change to 100.

Quiz Policy:

- One quiz grade will be dropped per grading period in compliance with the class attendance and homework policy.

Test Policy and Retesting Policy:

- Three or four per nine weeks
- You will take a test if present unless you've had extensive excused absences immediately prior to the test day.
- Being absent the day before the test does not excuse you from taking the test at the scheduled time. All reviews are on the calendar/website and the answers are posted on my website!
- If you miss the test and do not take the test within the stated amount of time you will lose the privilege of taking a retest.
- All tests are available for retesting once. The grade you get on a retest will be averaged with your original grade. You will need to complete the retest within 1 week from the time it was given back. There will be designated times to review your original test before you retest. These will be posted on the board the day that the original test is given back. If you do not come to the designated times, you will not be able to review your original test before you retest. You must come to at least one tutorial in order to retest and have no zeros in the unit!

Attendance Policy:

- Students are expected to be in class on-time every day. If a student misses class, he or she must clear up the absence immediately upon returning to school. At the end of the grading period, a student may have no more than three tardies and must have all absences cleared to be eligible for dropped homework and quiz. **(I CLOSELY FOLLOW TARDY RULES AS PER THE HANDBOOK!)**
- If you have an unforeseeable absence, it is your responsibility to get missed work the day you return to school and to make it up in accordance with school policy.
- If you are absent for a school-related event or a college visit, it is your responsibility to make arrangements for missed work BEFORE the absence.

Assignment Calendars:

At the beginning of each grading period, an assignment calendar will be posted on the course website. If a student misses class, he/she should refer to this calendar. The calendar is subject to change at the instructor's discretion.

Discipline Management:

The Westlake High School Student Handbook and Honor Code will be enforced.

Teacher Contact:

drodell@eanesisd.net

Tutoring:

Everyday 8:15 – 8:35am or by appointment