

# Calculus

## 2009-2010 Syllabus

### Mr. Ed Zaborowski

- Text:** Calculus for Business, Life Sciences, and Social Sciences, Barnett, Ziegler, and Byleen, Pearson/Prentice Hall, 2005  
AP Calculus in a Nutshell (a web based text), Zaborowski, 2004
- Materials:** TI-84Plus graphics calculator  
Tablet PC
- Notebook:** Students will be taking extensive and detailed notes. Noting taking skills will be discussed and practiced. The review of these notes will be a daily practice.
- Grading system:** The grade for each marking period will be determined by tests, quizzes, and homework assignments. The test days are marked on the homework/agenda calendar (available on my website). Quizzes may or may not be announced. At the end of the marking period each student will take a cumulative nine-week test. Make-up tests will not be offered.\* If a student misses a test during the marking period the nine-week test will also count for the missed test (meaning it will count as two tests). To compute grade for the marking period all raw scores will be added and divided by the total number of points possible.
- Calculators:** Graphics calculators are an absolute necessity for the course! Students will be making the connection between algebra and geometry (analytic geometry) . They will also be doing some extensive modeling and the graphics calculator will make this easier. TI-84 calculators are allowed on standardized tests such as the SAT and the ACT.
- Website:** Daily agenda and homework is available to students on the FRA website. If a student is absent he/she should access the web to see what work was missed. Links to reading assignments and worksheets from class will be provided on the homework and agenda page.
- Methodology:** Whenever possible each new concept will be presented numerically, geometrically, analytically, and verbally. This will enable students with different learning techniques to grasp each new concept more easily.

**Expectations:** Students are expected to be prepared for class and to respect the rights and property of their fellow students and the school. Help sessions are available to all students before school and on selected afternoons and students who need remedial help should take advantage of these sessions

**Communication:** Each week an e-mail update on the class will be sent to parents. The e-mail (CalculusNotes) will include test averages as well as general information on the class and upcoming topics. Parents interested in receiving the e-mail should include their e-mail at the bottom of the page.

\* If a student misses a test because of school obligations then a make-up test may be given under the following conditions: 1) the student informs the instructor before the activity, and 2) arrangements are made to take the test before the absence or the very next morning before school.

I have read and understand the information presented above.

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Parent signature