Syllabus for Advanced Placement Calculus BC

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Textbook

Calculus: Graphical, Numerical, Algebraic; Finney, Demana, Waits, and Kennedy (It's the one with the water ripples on the cover, not the one with the sculpture.)

Course Description

In this course, we will rigorously examine topics in calculus that are covered on the Advanced Placement Exam. Emphasis will be placed on differential and integral applications and series, as well as preparation for the AP Exam.

This course is essentially a college level mathematics course, and therefore will be taught as such. *Expect assignments each night, and prepare to study hard for each exam.*

Materials

All students are expected to bring the following materials to class each day.

- Any due assignment
- Textbook
- Notebook
- Pen or pencil
- Calculator

The graphing calculator is an integral part of this course, so students are encouraged to have one of their own. The TI-89 is preferred for its greater built-in capabilities, but the TI-83/84 is sufficient.

Class Fee

The class fee for this course is $40.00 and will be used to provide students with AP practice materials, instructional supplies, and other resources.

Grading Scale

Quarter averages are calculated using a percentage system. Your overall grade will be determined by the following:

10%	Assignments
25%	Quizzes/Projects
65%	Tests

The grading scale is defined by the following:

A	91 – 100
B	81 – 90
C	72 – 80
D	70 – 71
F	0 – 69

All scores will be *rounded*, and partial credit will be given when appropriate. Per school policy, *no extra credit will be available.*

AP courses receive 5 extra points on each quarter's average.

Student grades are updated daily through Parent Connection. You (and your parents) are encouraged to set up online accounts so that you can stay apprised of your progress.

Attendance Policies

It is essential that you attend every class. If you must be absent, refer to the information posted in the student handbook or online through the school's website.

Please note that *it is your responsibility to get all missing assignments in to me on time.* Refer to the RHS policies for information regarding make-up work.

Contact Information

Email is by far the greatest way to contact me. My school address (preferred) is given above, but I can also be reached through my at my professional address:

mrdeck@bellsouth.net.

You can also leave an email voice message by calling:

615-472-4801 ext 1179.

Help and Support

Problems and questions will occur in any mathematics course. *If such a situation presents itself, don't wait!* Asking questions in class, establishing peer study groups, and coming in outside of class are all effective ways to get help immediately.

I am generally available before and after school in Room D223 for additional help. Advanced notice is appreciated, but not required.

Other Stuff

Discipline is seldom a problem in this course. If problems do arise, however, I will refer to the policies outlined in the student handbook.

The AP Exam is scheduled for *Wednesday morning, May 4, 2011*.

Please visit my professional website's AP Calculus pages for additional course information including pacing guides, specific topics, enrichments, and review resources. There are also links to the RHS homework and course textbook sites. You can access this information by going to the website address at the top of the page and clicking the AP Calculus navigation button.

This syllabus is subject to change.

Updated: 08/10/2010