

AP Calculus AB Course Syllabus

Instructor – Ms. Kimberly Mills

Room: 120

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Tutoring Hours: Tuesday-Friday
8:00 – 8:30 am

Course Textbook: Calculus; Foerster, 2003; Key Curriculum Press,
Cracking the AP Calculus AB & BC Exams; Princeton
Review, 2010

Course Description:

AP Calculus AB/BC is the first calculus course in the Advanced Placement (AP) Program developed by The College Board. It is a full academic year of work and is comparable to courses in colleges and universities. Students need to have a thorough knowledge of college preparatory mathematics, including algebra, trigonometry, geometry, including equations and graphs, lines and conics. Students taking the course should be adequately prepared to study elementary functions, limits and continuity, and differential and integral calculus. The use of graphing calculators in AP Calculus is considered an integral part of the course. In addition, comprehensive exams will be given in preparation for the required AP Calculus Examination in May. Participation in study groups is highly recommended.

Absence Policy:

Attendance will be closely monitored at all time to receive course credit. While individual circumstances will be examined on a case-by-case basis, course level mastery is unlikely with more than **five** unexcused absences. **Five** unexcused absences result in automatic failure of course. **Three** unexcused tardies is equivalent to one unexcused absence.

Evaluation:

Student achievement in this course will be measured using multiple assessment tools including but not limited to chapter tests, cumulative tests, quizzes, homework, classwork, portfolios, projects, and open ended questions. The percentage factors are the following:

Projects/Tests	30%
Quizzes	20%
Classwork/Homework	30%
Participation	20%

Academic Integrity and Plagiarism:

Any substantiated case of plagiarism – whether intentional or unintentional – may result in loss of course credit.

Standard Grading Scale:

A	100 – 93	C	76 – 73
A-	92 – 90	C-	72 – 70
B+	89 – 87	D+	69 – 67
B	86 – 83	D	66 – 64
B-	82 – 80	F	63 and below
C+	79 – 77		

Rules and Expectations:

Students are required to:

- Arrive to class on-time daily.
- Come prepared, take notes, receive and complete assignments, and participate in group discussions.
- Seek help when needed. Tutoring is always available via teacher, Georgetown tutors, or peers.
- Take **weekly** assessments. If absent, make-ups are provided during the lunch period. It is the students responsibility to make-up any missed work.
- Complete **daily** homework and/or study.
- Dispose/remove all headgear, cell phones, electronic devices, food or gum. In addition to, refrain from inappropriate language, etc. Appropriate consequences will be adhered according to Duke Ellington School of the Arts Handbook.

Course Supply Request:

- 3 – Ring Binder
- Dividers
- 3 by 5 Note Cards
- #2 Pencils
- Ball Point Pens (Blue or Black)
- Erasers
- Loose leaf, notebook paper
- Graph Paper
- Spiral Notebook
- Graphing Calculator (TI-84 Plus)

Mark Your Calendar:

The AP Calculus Tests will be given Wednesday **May 9, 2012.**

*It's when you catch even a glimpse of the excitement,
the benefits, the opportunities, the richness of life
that an education can provide, that the discipline required
to study becomes a small price to pay. --Ardeth G. Kapp*