Calculus I, Math 111

Wednesday and Friday 1:10pm-2:00pm,
Monday 12:10pm-2:00pm
Hayes Hall 311
www2.kenyon.edu/Depts/Math/Smith

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Textbook

Calculus from Graphical, Numerical, and Symbolic Points of View, Second
Edition, Volume I, by Arnold Ostebee and Paul Zorn.

Prerequisites

A solid grounding in algebra, trigonometry, and elementary functions.
Please see me to discuss your situation if you feel you do not meet these
requirements.

Office Hours

TBA or by appointment. I will arrange to have office hours at times which
are convenient for the entire class. You are encouraged to take advantage of
office hours even if you are not struggling with current material so that you
can learn from the questions of others or try extra problems.

Grades

Grades for this course will be assigned based on the following components:

Homework	15%
Quizzes	10%
Projects	15%
Gateway Exam	10%
Midterm 1	15%
Midterm 2	15%
Final Exam	20%

Letter grades will be determined by a scale that will be no more strict than
the standard scale.

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\begin{array}{ll}
\text{A} & 90 - 100\% \\
\text{B} & 80 - 89\% \\
\text{C} & 70 - 79\% \\
\text{D} & 60 - 69\% \\
\text{F} & 0 - 59\%
\end{array}
$$

Software

We will be using the computer algebra system *Maple* for homework and projects in this course. I will not assume familiarity with *Maple*. The computers in the Peirce lab and Hayes 311 have *Maple* installed. You may also contact Terry Klopcic, the director of laboratories for math and physics, for an installation CD at Hayes 101, x5364, or klopcict@kenyon.edu.

Expectations

Class will start on time (usually for puzzles or jokes). Please do not bring food to class. Since we are in a room with computers, you may check email, etc., before class. However, once lecture or discussion begins, I expect you to be logged out until the conclusion of class. When you do use a computer (before, after, or during class), you are expected to use it in a way that is consistent with appropriate use as described in the Appropriate Use of Information Services section of the Library and Computing Policies document (http://www.kenyon.edu/x11746#x13588).

Homework

Solutions should be clearly written and easy to follow. You should use complete sentences and correct grammar. Part of a successful and complete assignment is communicating your work to your reader. All figures and calculations should be explained.

Homework assignments and projects must be turned in at the beginning of class on the due date. Absolutely no late work will be accepted. Exceptions may be made for special circumstances and/or excused absences, but you are required to give appropriate notice. In general, if you know that you will be missing class for some reason, you should turn in your assignment before you leave.

Exams

There will be two midterms, each worth 15% of your course grade. The final exam is worth 20% of your grade and is cumulative. The final will be

given on May 9th from 1:30pm to 4:30pm. Please note that the final is three hours, and plan accordingly.

The Gateway Exam

In order to understand the material covered in this course, it is important that you master the computational aspects of it. We therefore require all Calculus I and II students to pass a Gateway Exam. The exam for Calculus I consists of seven derivative computations. To pass the test, you must achieve a **perfect** score. You may take the test as many times as you like. The exam will be given once in class. If you pass it on the first try, you will get a bonus 2% in your overall grade. If you do not pass the exam on the first attempt, you may retake the exam by appointment. You are allowed to retake the exam at most two times per week and not more than once per day until April 8th. If you pass the exam within three weeks of the first attempt, you will get a score of 100% on the exam. If you pass after the three week mark but before or on April 8th, you will get a score of 5%.

Course Materials

Video and audio recordings of classes are not permitted. Course materials are also not to be posted on any shared networks or internet sites.

Communication

The best way to communicate with me is through in-person conversations in office hours or after class. I can also be reached via email. I will respond to emails within 48 hours. In general, I will respond in a shorter time period, but do not expect that I will be checking and responding to emails in a real-time basis, especially late at night or on the weekends.

Academic Honesty

Please show respect to your classmates and to me by consistently doing your own work. You are encouraged to work together on homework, but you are expected to write-up each assignment on your own. Make sure to cite sources appropriately in your work. The course policy on academic honesty is the same as that of Kenyon College (http://www.kenyon.edu/x11747.xml).

Disabilities

If you have a disability (learning or otherwise) that may affect your ability to succeed in the course, please let me know as soon as possible so that we can make arrangements. You will also need to contact Erin Salva in the Office of Disability Services.