Math 242 (Online or in class) – Calculus 1 – Spring 2010 – Syllabus

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Office Hours: Daily 9:45-10:15 and by appt.
Text: Essential Calculus, Early Transcendentals, 6th Ed., Stewart (chapters 1-5)
Class Website: http://www.math.wichita.edu/~axmann

Attendance
Class meets online and in class M-F 10:30-11:20. Most classes will start with a question and answer session. This is your primary opportunity to ask questions and may take about half of class time if you have lots of questions. I will cover new material during the remainder of class time. These class sessions will be recorded and posted on the class website so that you can print the notes and/or watch them as a movie.

Homework
Doing homework is the most important way to learn the material. General university guidelines suggest 2 hours of homework for each hour in class. There is a homework assignment due essentially every day of class. Homework will count as extra credit in your course grade. Homework will be due at 12:30 each day. I will give one-week extensions on up to 7 homework assignments for each student, no questions asked. Just send me an email to request an extension. Other late homework will not be accepted.

Online Homework
Most of the homework for this class is online. You will need to purchase a new WebAssign access key. You may purchase it at the bookstore with or without a book or online at www.webassign.com ($35). Click on the “Log In” button, then click “I have a class key” and enter wichita 2306 9222 for your class key. You will create a userID and password. Your institution is: wichita. The online homework system will "grade" your answers immediately and give you multiple chances to correct mistakes. If you need any help with this, please contact me.

Paper Homework
The online homework has a lot of nice features, but it cannot help you practice writing clear and complete math solutions – which you need to do to pass this, and future, classes. Because of this, I strongly recommend that for most online problems you also show your work on paper. You can do this by printing out the assignment and writing on the printouts or by keeping a notebook next to your computer as you solve the problems online. If you keep this written work organized in a notebook, it makes a great resource when studying for tests. Since the written homework will not be graded, you should also compare your written solutions to the examples in the book, in class, and in the homework help system to make sure you are writing everything correctly.

Tests
There will be five, 50 minute tests and a two-hour comprehensive final exam. Test dates will be announced about one week ahead of time in class. The final exam will be Friday, May 14 at 10:00am. If you must miss a test, you need to let me know about it and make it up before it is scheduled to take place. The only exceptions to this policy are unpredictable accidents and emergencies, which must be documented and made up within a week.

Calculators
I encourage you to use a calculator as little as possible. I expect you to write solutions in exact form (like \( \frac{1}{3} \) not 0.33… and \( \sqrt{2} \) not 1.41…). I also expect complete solutions – not just the “answer”. Calculators that do more than basic calculations will not be allowed on tests or quizzes – no exceptions. There are a few parts of the course where a simple scientific calculator might be useful. (It is my understanding that these can be obtained for less than $20.)

Online Testing Option
You may choose to take your five, 50 minute tests as “take-homes”. Just email me a request for the test the week before it is due, and email your solutions back by noon on the day of the test. However, if you take take-home tests, each test will be worth less, the Final Exam will be worth more, and you are also required to take a Midterm Exam. The Midterm will be taken on paper in a classroom on the WSU campus. It will be 2 hours long and will be on Saturday, Mar 13 at 1:00-2:50pm.
Grading – In-class Testing Option  (550 total points possible)
The first, second, and last tests will be worth 100 points.
The third and fourth tests will be worth 50 points.
The Final Exam will be worth 150 points.

Grading – Online Testing Option  (600 total points possible)
The first, second, and last tests will be worth 50 points.
The third and fourth tests will be worth 25 points.
The Midterm Exam will be worth 200 points.
The Final Exam will be worth 200 points.

Grading – Homework for Extra Credit
The first homework assignment will be worth 10 points.
Each other homework assignment will be worth 1.5 points.
I may make more homework points available throughout the semester.
Your homework score will erase up to 25% of the points that you miss on the tests.

Example 1:  You have a test average of 80% - this means that you missed 20% of the test points - and a homework score of 70% - so your course grade will be:
80% + 20%*70%*25% = 83.5%.  (So this student got 3.5% extra credit for homework – changing a B- into a B.)

Example 2:  You have a test average of 60% - this means that you missed 40% of the test points - and a homework score of 100% - so your course grade will be:
60% + 40%*100%*25% = 70%.  (So this student got 10% extra credit for homework – changing a D- into a C-.)

The following (rounded to nearest percentage) grading scale will be used for the course:

- 93-100   A
- 90-92    A-
- 87-89    B+
- 83-86    B
- 80-82    B-
- 77-79    C+
- 73-76    C
- 70-72    C-
- 67-69    D+
- 63-66    D
- 60-62    D-
- 0-59     F

Official Statement on Academic Integrity from http://webs.wichita.edu/senate/pol63.htm
A standard of honesty, fairly applied to all students, is essential to a learning environment. Students violating such standards must accept the consequences, and penalties are assessed by appropriate classroom instructors or other designated persons.
Serious cases may result in discipline at the college/school or university level and may result in suspension or dismissal.
Students accused of abridging a standard of integrity may protect themselves through established academic appeal procedures and are assured due process and the right of appeal from accusations or penalties felt to be unjust.
My Policy in short: Any breach of academic integrity will result in a zero for the affected assignment(s) – serious breaches may result in a grade of “XF” for the course.

An additional note about cheating in this online course:
An online course like this one provides students with many new ways to cheat – the homework and four online tests are not monitored at all. Taking advantage of that fact not only reflects on your character, it also shows poor judgment. This is the first in a cumulative sequence of courses, cheating will not get you ready for future classes, and it will become obvious to your instructors: on the midterm, on the final, in Calculus 2 and 3, in Differential Equations, etc… Put your best, honest effort into this class and you will get the most for your time and your money.

Any changes to this syllabus will be made in writing.