Learning objectives
Upon completion of this course, students should:

1. Have developed a deeper understanding of the concepts of functions, relations and graphs.
2. Have learned to use the language of mathematics correctly and effectively.
3. Have developed an intuitive understanding of the calculus concepts: limits, derivatives, integrals.
4. Have improved their skills with manipulative algebra, learned introductory properties of polynomial, rational and exponential functions and acquired a basic understanding of graphs of elementary functions, relating properties of the graphs to the first and second derivatives.
5. Be able to apply derivatives and integrals to reach business decisions and to solve other types of applications problems.
6. Be familiar with the historical development of calculus and the role of calculus in human thought.


The course will cover chapters 2 through 7 and sections 8.1 - 8.3.

Homework:
The purpose of the homework is to practice using the techniques learned in the course on specific problems. The homework problems are posted on the course website. The homework will be assigned and collected on a weekly basis. Every Thursday at the beginning of the class I will collect the homework that is due that day. No late homework will be accepted. The homework assignments will not be graded but carry an extra credit based on completeness. For any complete assignment that you hand in I will add 0.5 % to your over all percentage. Incomplete assignments do not earn extra credit. You can gain up to 4% of extra credit.

Quizzes: Every Thursday there will be a 15 minutes quiz at the beginning of class, except the days when the exams are scheduled. It will consist of one problem taken directly from the homework. No make-up quizzes will be given. Your lowest quiz score will be dropped.
Office hours: MTW 9:30 a.m. - 10:30 a.m.

Attendance policy: You are responsible for attending the class. You are also responsible for making up any work you may have missed by failing to attend class, even if the absence was approved by the university, necessitated by illness, or necessitated by a personal emergency.

Examinations: There will be two tests and a final. The dates for these are:
Test 1: June 25, 2009.
Test 2: July 9, 2009.
Final exam: July 30, 2009.
These should be taken when scheduled. Under exceptional circumstances supported by acceptable substantiation given at least a week before the scheduled test, a make-up test can be arranged. However, make-up tests will be more difficult than the regularly scheduled tests. The date and time of the final examination is non-negotiable. There will be no make-up final examination offered. Not taking the final exam will result in failing the course. The final exam is not comprehensive.
The tests will have both a take-home part and an in class part. The take home part of each test will be posted on the course website. The final exam will have only an in class part.
IMPORTANT: You need to have a blue book for each exam and the final. Only work done in the blue books with your name on it will be considered during the grading process.

Grade scale: Your grade will be based on your performance in quizzes, two tests and a final examination. The percentages for these are as follows:

- Quizzes: 20%
- Tests: 2 x 25%
- Final exam: 30%

The letter grade scale will be as follows:
A- : 90% - 92%; A: 93% - 96%; A+: 97% - 100%
B- : 80% - 82%; B: 83% - 86%; B+: 87% - 89%
C- : 70% - 72%; C: 73% - 76%; C+: 77% - 79%
D- : 60% - 62%; D: 63% - 66%; D+: 67% - 69%
F: Below 59%

Academic Dishonesty: The university policy and procedures will be applied to all cases of academic dishonesty that occurs in this class. Please familiarize yourself with the university policy and guidelines about academic dishonesty. The university policy on such activities can be found in sections 18A and 18B of the Student Code of Conduct which can be obtained at http://www.boisestate.edu/osrr/scp/studentcode.html.

Calculator Policy: You are not required to use, but you may use your calculator during homework, tests and the final examination to verify that you obtained the correct numerical or symbolic answers.
However, you will only receive points for showing the mathematical steps you followed to obtain these answers. Just writing down a correct final answer without showing any correct mathematical steps in obtaining these answers does not qualify for any points.

**Tutoring:** For information go to http://tutoring.boisestate.edu/mdic.shtml.