Instructor  
Casey Johnson  
JWB 219  
581-7311  
cpj@math.utah.edu

Office hours  
Posted on the course web page.

Classroom  
MTWF 8:35-9:25AM HEB 2006  
Th 8:35-9:25AM LCB 121 (problem session)

Text  

Web Page  
http://www.math.utah.edu/~cpj/math1210

Communication  
The best way to contact me is via e-mail. I will also contact you by e-mail from time to time. It is your  
responsibility to make sure that your official e-mail address listed with the University is current, and that you  
are able to receive messages daily. Failure to do so may prevent you from receiving important information  
for which you will be accountable.

I will also use the course web page to disseminate information throughout the semester. You will find copies  
of this syllabus and the homework schedule there, along with other course-related documents.

Prerequisites  
To succeed in calculus, it is essential that you be well grounded in college algebra and trigonometry (1050  
and 1060). I will review some of these topics as they are needed, but if you are not fluent in the skills taught  
in these courses, you should consider enrolling in these courses before undertaking calculus.

Commitment  
*Adequately prepared* students should expect to spend, on average, a *minimum* of eight hours of work outside  
of class each week. Excellence may require much more time. Students who are weaker in prerequisite material  
can expect to commit more time than others who are more prepared.

Homework  
Homework will generally be due at the beginning of class two days after it is assigned. Late homework will  
not be accepted unless prior arrangements have been made with the instructor.

Your written solutions should contain enough explanation so that one of your classmates would  
be able to easily understand what you have done. Generally, it is inadequate to merely write down a  
final answer. The style of your written solutions should be very much like that of the examples from class and  
from the text book. You are encouraged to study and work together on homework assignments, but you must  
each submit your own work. Everything you submit should be in your own words and you should thoroughly  
understand everything you write down. If there is something that you don’t think you understand, please  
come talk with me.

Write the problems neatly and in order, with the final answer clearly marked. Visually separate the problems  
and staple sheets together.

Each homework assignment will be worth ten points—six points for completion (two points for completing  
one third of the assignment, four points for completing two thirds and six points for completing the full  
assignment) and four points for correct solutions to selected exercises.

In order to allow for a few missed assignments and to help eliminate “busy work,” your homework grade will  
be computed out of 90% of the total points possible. There will be no extra credit.

Quizzes  
Quizzes will be given periodically in class. They will be taken without the aid of calculators, notes, or text  
books. Only completely correct solutions will receive credit. Any incorrect solution can be resubmitted for  
partial credit. When redoing a problem, observe the following rules:

(a) No resubmission will be accepted more than two weeks after the date the quiz was given.
(b) Do not modify your original solution.
(c) Resubmissions should be clearly labeled and written on a clean sheet of paper that is stapled to the  
back of the original quiz sheet.
(d) Along with the correct solution, describe (in paragraph form) the errors you made.
(e) You may not consult with anyone other than your instructor, but you may use your own book and class  
notes.
(f) If your solution is still incorrect, you may correct it and resubmit it as long as the resubmission deadline  
has not passed.
**Writing**  I will occasionally give short writing assignments to help enhance your understanding of the material and your ability to communicate mathematics. Your responses should be written clearly, in paragraph form, with reasonably correct grammar and spelling. Each will be worth 10 points. Late assignments will be accepted for one day after they are due, but will suffer a 4-point deduction. There is no need to type writing assignments, but they, as well as all other assignments, should be clearly legible.

**Exams**  There will be four midterm exams throughout the semester. They will be administered in class on the following dates: 22 Sep, 20 Oct, 10 Nov, 5 Dec. Calculators, books, and notes will not be allowed. The best preparation for these exams will be participation in class and doing the homework, quizzes, and writing assignments. Each exam should be considered cumulative.

The midterm exams will be weighted equally in computing the final grade. If an individual, over the course of the semester, correctly resubmits all of the quiz problems given, that person will earn the right to have only his or her three best midterm exams averaged to compute the final grade. That is, their lowest midterm exam score will essentially be dropped.

**Final Exam**  A cumulative two-hour final exam will be administered on Friday, December 15, 2006 at 8:00am. Calculators, books, and notes will not be allowed during the final exam.

**Dates**  The dates given above for the exams are fixed. If you have a conflict with this schedule, find another class or plan to do all the quiz problems (see above) so that you can drop the midterm that you will miss. If you have a situation that I consider an emergency, or if you give me proper advance warning of a University-excused absence, you will be accommodated as I see fit. Otherwise, plan to take the exams on the dates and at the times scheduled.

**Grading**  Your final grades will be calculated according to the following weights:

<table>
<thead>
<tr>
<th>Homework / Writing</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>15%</td>
</tr>
<tr>
<td>Midterm exams</td>
<td>45%</td>
</tr>
<tr>
<td>Final exam</td>
<td>20%</td>
</tr>
</tbody>
</table>

The following chart indicates the minimum percentages required in order to guarantee the corresponding grades:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>94.0</td>
</tr>
<tr>
<td>A-</td>
<td>90.0</td>
</tr>
<tr>
<td>B+</td>
<td>87.0</td>
</tr>
<tr>
<td>B</td>
<td>83.0</td>
</tr>
<tr>
<td>C+</td>
<td>77.0</td>
</tr>
<tr>
<td>C</td>
<td>73.0</td>
</tr>
<tr>
<td>D+</td>
<td>67.0</td>
</tr>
<tr>
<td>D</td>
<td>63.0</td>
</tr>
<tr>
<td>D-</td>
<td>60.0</td>
</tr>
</tbody>
</table>

Under no circumstances will I assign lower letter grades than those indicated here. After computing final grades, if I feel that the class has performed better than percentages indicate, I may lower the percentage required for each letter grade to better reflect the performance of the class.

**Do not, under any circumstance, attempt to coerce me into raising your grade for any reason.**

Your performance on the assignments I give will be the only criteria that will be considered in determining your grade for this course.

**Help**  The Math Center may be a valuable resource in studying and solving problems. For information about the Center’s hours and services, you may visit the following url:

http://www.math.utah.edu/ugrad/mathcenter.html

**Technology**  In completing homework and writing assignments, you are welcome to use calculators and computers as you see fit. However, as mentioned above, calculators will not be permitted on exams or quizzes. I therefore recommend that you not become too dependent upon such technology. Use it to speed calculations that you understand, but perhaps find tedious. Do not use technology to avoid thinking about calculations that you do not understand.

You should not need to purchase an expensive calculator to succeed in this course. As students in a math class, you will be allowed to use the department computing center in the Math Center. Among other tools, these machines contain a program called Maple. This is a powerful program that can perform nearly all the calculations that we will do this semester. On the course web page you will find tutorials to help you learn how to use Maple. You can also seek assistance from the attendants in the Math Center.

**Respect**  A final word about respect. The purpose of this class is to allow me to assist you, the students, to learn calculus. It is not to allow anyone (including myself) to show off or to belittle or demean any other person. There is no competition for grades or favor, so such behavior will not avail you, nor will it be tolerated.