Calculus II Syllabus (Math 2423/900)

Instructor contact information:
Instructor: Thomas Madsen  
Office: PHSC 930  
Office hours: Tuesday: 2:30pm – 3:20pm  
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Prerequisites: MATH 1823


Course website: [http://www.math.ou.edu/~tmadsen/math2423spring08.html](http://www.math.ou.edu/~tmadsen/math2423spring08.html)

Calculators: This is a course of mathematical concepts and techniques, not a course of mechanical computations, so we will have little use of calculators. In particular, due to technological advances that enable certain calculators to store formulas and other information, use of calculators is prohibited during exams. Accordingly, the problems on the exams will involve little or no numerical computations.

Grading: Your grade will be based on the following three categories:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>25%</td>
</tr>
<tr>
<td>Exams</td>
<td>2x25% = 50%</td>
</tr>
<tr>
<td>Final</td>
<td>50%</td>
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<tr>
<td>Total</td>
<td>125%</td>
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If your lowest test score is the final, then your final will only count as 25%. If your lowest test score is one of the three midterm exams, then that score will be dropped. Note: Your homework score cannot be dropped.

The following standard grading scale will be used:

- A: 90–100%; B: 80–89%; C: 70–79%; D: 60–69%; F: 0–59%.

I do not anticipate applying any type of "curve" to final grade assignments. Also no extra credit assignments should be expected.

Homework: Homework will be assigned during lectures and collected each Thursday at the beginning of class. Late homework will not be accepted. It upsets the grading process and is unfair to other students. The key to success in this (and any other math) course is to work through a lot of exercises. This will enable you to master the material, and be better prepared for the exams. The homework assignments will only provide you with a minimum level of exposure to the material. Apart from the homework assignments that you are required to turn in, there will be additional problems---that you should not turn in---designed to familiarize you further with the course contents, and you are strongly encouraged to do them. A list of the assigned problems will be regularly updated on the course website.

For homework and exam questions that require a written explanation, I expect that you will write up solutions neatly. If you know how to do the problems assigned, then show it in a neat way! Do
not scribble here and there. Be extremely neat. Failing to do so will cost points (even with correct answers).

**Help:** It is easy to get stuck or frustrated on math problems! Therefore I cannot encourage you enough to work together on the homework problems. Talking about the homework assignments in groups can often catch small mistakes or help one get started on a problem.

Help on the assignments and related problems will also be available during office hours. Furthermore, the Mathematics Department Help Center (on the 4th floor of the Physical Sciences building, across the hall from the departmental office) is open MWF 9:30am - 5:30pm and TR 9:00am - 5:30pm. No appointment is needed and students are handled on a first-come, first-served basis. You are encouraged to take advantage of this resource should you need it.

**Exams:** There will be two midterm exams, which will be given during regular meeting time on the following dates:

Exam 1: Tuesday, February 26, 2008
Exam 2: Thursday, April 15, 2008

The comprehensive final examination will be held in the usual lecture room on Thursday May 1.

**Attendance:** Attendance is mandatory. A sign-in sheet will be passed around at the beginning of each class. If you miss more than 4 lectures (that is two weeks of lectures), your final grade will drop one letter grade.

**Academic Misconduct:** Any case of academic misconduct will be reported to the Dean of the College of Arts and Sciences for adjudication in accordance with the University's established academic misconduct procedures. The penalties can be quite severe. *Don't do it!* For details concerning these procedures, please consult [http://www.ou.edu/provost/integrity](http://www.ou.edu/provost/integrity). For information on your rights to appeal charges of academic misconduct go here: [http://www.ou.edu/provost/integrity-rights/](http://www.ou.edu/provost/integrity-rights/). Students are also bound by the provisions of the **OU Student Code**, which can be found here: [http://judicial.ou.edu/content/view/27/32/](http://judicial.ou.edu/content/view/27/32/).

**General course policy:** There will be no make-ups for missed exams unless the following conditions are met: a) there is a valid reason for the absence (such as severe illness requiring medical attention), and b) you can provide me with written verification (such as a note from your physician).

**Policy on W/I grades:** The last day to withdraw with a "W" or "F" without permission of the Dean is March 28. My policy will be to grant an automatic "W" to those who wish to withdraw on or before March 28. After March 28, University regulations specify that you may withdraw only in "very unusual circumstances", and only with the permission of the Dean. Avoidance of a low grade is not a sufficient reason to obtain permission to withdraw after this date.

**Students with disabilities:** The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with me as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone (405) 325-3852.

**Religious holidays:** It is the policy of the University to excuse absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations
and additional required class work that may fall on religious holidays. Any student who wishes to reschedule an exam in order to observe a religious holiday should contact me during the first two weeks of classes.

**Some general advice:** In my experience, students who have the necessary requisites but fail to succeed in a college math course do so because they are not devoting enough time to the subject outside the classroom. How much time you spend studying depends on your prior preparation and individual inclination. However, you should reasonably expect to spend at least six hours per week doing homework, reviewing lecture notes, etc. An essential part of the learning process is to read the material that will be covered in a lecture before class, even if you do not fully comprehend it. One last word of caution: do not fall behind! The course is fast-paced and new results build on old, so that if you don't understand what came before, you won't understand later topics.

Also, please feel free to contact me with any questions that you might have.