

MATH 2433–Section 006 CALCULUS III

This is the syllabus for Mathematics 2433, Section 006, for the Spring Semester 2003. It is your responsibility to acquaint yourself with all the information in this syllabus, and with any modifications to it that may be announced in class.

Instructor: Dr. Noel Brady.

Office: 521 Physical Sciences Center [PHSC].

Phone: 325-0833

E-mail: nbrady@math.ou.edu

Web Page: <http://math.ou.edu/~nbrady>

Math Office Phone: 325-6711

Office Hours: Tue: 3–4, Wed: 10:30–11:30, Thu: 2:30–3:30

Text and Course Outline: The textbook for this course is *Calculus* (4th Edition), by James Stewart. We shall cover Chapters 11, 12, 13 and 14. This will include sequences and series, parametric curves in two and three dimensions, getting to know other coordinate systems (polar, cylindrical and spherical), and an introduction to vectors (treated in 2 and 3 dimensions).

Prerequisites: Math 2423 (Calculus II), or instructor's permission.

Lectures: You are expected to attend all lectures, and are responsible for all information given out during them. In particular, this includes any changes to the quiz/midterm dates or content. As in any course, you should try to read the relevant sections of the textbook **before** attending lectures.

Grading Scheme: Grades will be assigned by weighting your totals from Homeworks, Quizzes, Midterms, and a Final Examination as follows:

<i>Homeworks</i>	15%
<i>Quizzes</i>	6%
<i>Midterm Total</i>	54%
<i>Final Examination</i>	25%

Here is a detailed description of each of these components. The total number of points in the course is 100.

Homework: Homework will be due at the **start** of class on Thursdays. You are responsible for ensuring that your homework gets turned in on

time. Late homework will not be accepted. They upset the grading process and are unfair to other students.

The homework assignments are there to provide you with a **minimum** level of exposure to the materials outside of class time. You will need to do many more problems before you feel comfortable with the concepts involved. Take it from experience (of generations of students!) that the way to succeed in a math course is to work (and understand) a large number of problems.

Quizzes: Three 10-minute Quizzes are held in class during regular lecture times. Here are the quiz dates.

Quiz 1: Thursday, Jan. 30.

Quiz 2: Thursday, Mar. 6.

Quiz 3: Thursday, Apr. 17.

Midterms: There are three midterms, two of which are held during regular lecture times, and the third is a set of extra homeworks. They are held/due on the following dates:

Midterm 1: Thursday, Feb. 13.

Midterm 2: Thursday, Mar. 27.

Midterm 3: Last part due on Thursday, Apr. 24.

Final Examination: The final examination is cumulative. It is scheduled for Wednesday, May 7 from 8:00am until 10:00am, and is held in the usual classroom — PHSC 212.

Taking Examinations: Here are a few notes on taking Examinations.

- I will hold extra Office Hours and/or schedule Review Sessions before the Midterms and Final Examinations. You are strongly encouraged to attend the Review Sessions, and to attend Office Hours regularly.
- You cannot use calculators/computers, books or any type of notes during the examinations.
- All examinations must be taken at scheduled times, except in *very extreme circumstances*. So be careful not to make travel arrangements that conflict with examination times. If you cannot take an examination at a scheduled time, you should contact me *well in advance of the test time*. Otherwise, an absence at an exam will result in a score of zero.

Policy on W/I Grades: Until Jan 27, there is no record of grade for dropped courses. From Jan 28 through Feb 21, you may withdraw and receive an automatic W grade, *no matter what scores you have so far achieved*. From Feb 24 through Mar 28 you will need to see me in order to withdraw. After Mar 28, University regulations specify that you may withdraw only with the permission of the Dean.

Students who are failing the course should not expect to receive an I grade in place of a W grade. I will only consider assigning an I grade if the student is already maintaining a passing grade, has completed most of the course work, and can demonstrate that he/she is unable to complete the work at this time due to circumstances beyond their control.

Academic misconduct: Students should acquaint themselves with the Provost's Academic Integrity Guide which can be found on-line at the following address. www.ou.edu/provost/integrity.

Accommodation of Disabilities: Any student in this course who has a disability that may prevent him or her from fully demonstrating his or her abilities should contact me personally as soon as possible to discuss the accommodations necessary to facilitate his or her educational opportunity and ensure his or her full participation in the course.